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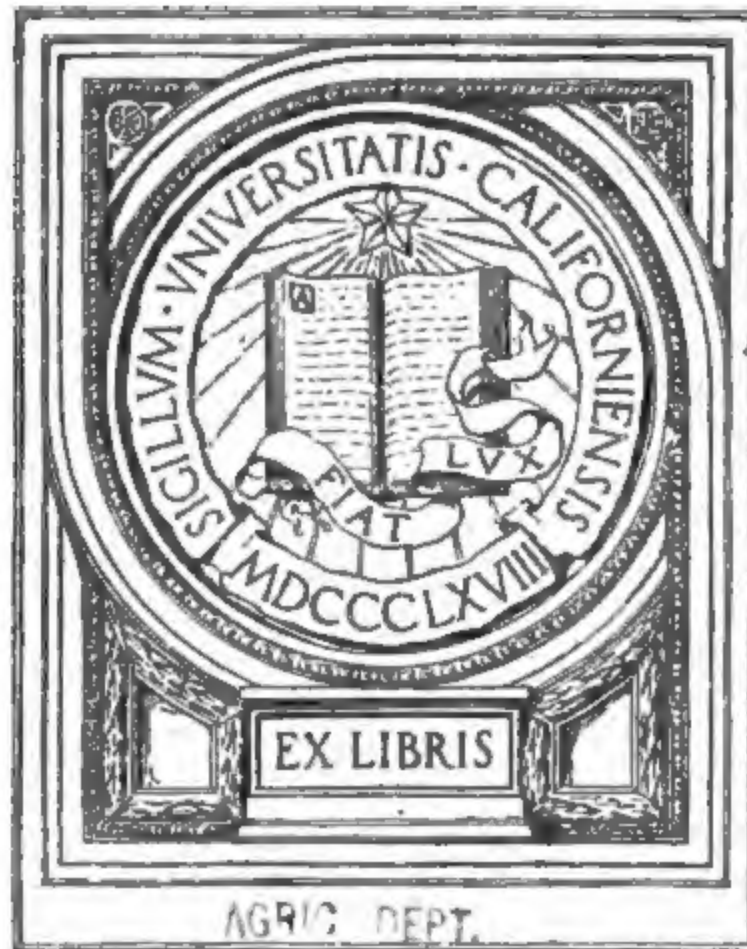
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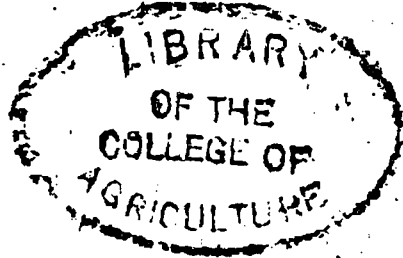


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FIFTY-SIXTH AND FIFTY-SEVENTH ANNUAL REPORTS

OF

THE CHAMBER OF COMMERCE

OF SAN FRANCISCO

CALIFORNIA

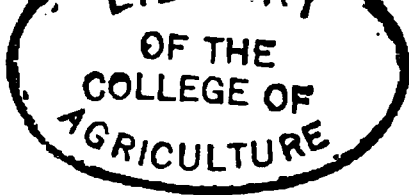


SUBMITTED TO MEETINGS HELD

JANUARY 16th, 1906

AND

JANUARY 15th, 1907



FIFTY-SIXTH AND FIFTY-SEVENTH
ANNUAL REPORTS
OF THE
Chamber of Commerce
OF
San Francisco

SUBMITTED TO MEETINGS HELD
JANUARY 16th, 1906 and
JANUARY 15th, 1907

TOGETHER WITH
LIST OF OFFICERS AND STANDING COMMITTEES FOR THE
YEARS 1906-1907 AND 1907-1908, RESOLUTIONS AND
MEMORIALS, BY-LAWS, HARBOR REGULATIONS,
COMMERCIAL STATISTICS, ETC.

SAN FRANCISCO:
NEAL PUBLISHING COMPANY
1907

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OFFICERS AND STANDING COMMITTEES

1906

WILLIAM H. MARSTONPresident
 C. H. BENTLEY.....Vice-President
 WM. R. WHEELER.....Second Vice-President

TRUSTEES:

WM. L. GERSTLE
 WM. MATSON
 JAS. ROLPH, Jr.
 JAS. B. SMITH
 WM. G. MUGAN
 JAS. TYSON

RUFUS P. JENNINGS
 GEO. D. GRAY
 HENRY ROSENFELD
 H. F. PRIEN
 GEO. E. BUTLER
 F. F. CONNOR

STANDING COMMITTEES

FINANCE:

C. H. BENTLEY

H. F. PRIEN

GEO. D. GRAY

LIBRARY:

WM. L. GERSTLE

F. F. CONNOR

RUFUS P. JENNINGS

MEMBERSHIP:

JAS. B. SMITH

JAS. TYSON

HENRY ROSENFELD

ARBITRATION:

HENRY ROSENFELD
 WM. MATSON

WM. R. WHEELER

RUFUS P. JENNINGS
 JAS. ROLPH, Jr.

APPEALS:

WM. L. GERSTLE
 WM. MUGAN

JAS. TYSON

GEO. E. BUTLER
 H. F. PRIEN

FOREIGN COMMERCE AND REVENUE LAWS:

WM. R. WHEELER

GEO. D. GRAY

F. F. CONNOR

INTERNAL TRADE AND IMPROVEMENTS:

JAS. B. SMITH

WM. MUGAN

GEO. E. BUTLER

HARBOR AND SHIPPING:

JAS. ROLPH, Jr.

WM. MATSON

HENRY ROSENFELD

RECEPTION AND ENTERTAINMENT:

RUFUS P. JENNINGS

C. B. BENTLEY

WM. R. WHEELER

SECRETARY, TREASURER AND LIBRARIAN:

CHESTER W. BURKS

OFFICERS AND STANDING COMMITTEES

1907

C. H. BENTLEY.....President
GEORGE E. BUTLER.....Vice-President
GEORGE D. GRAY.....Second Vice-President

TRUSTEES:

WM. H. MARSTON	HENRY ROSENFELD
WM. L. GERSTLE	H. F. PRIEN
WM. MATSON	W. F. BARNES
JAS. ROLPH, JR.	JAMES K. MOFFITT
WM. G. MUGAN	JAMES McNAB
JAMES TYSON	CHAS. C. MOORE

STANDING COMMITTEES:

FINANCE:

GEORGE E. BUTLER	WM. G. MUGAN	J. K. MOFFITT
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LIBRARY:

H. F. PRIEN	WM. H. MARSTON	W. F. BARNES
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MEMBERSHIP:

WM. GERSTLE	JAMES TYSON	C. C. MOORE
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ARBITRATION:

HENRY ROSENFELD	JAS. ROLPH, JR.	JAS. TYSON
H. F. PRIEN		W. F. BARNES

APPEALS:

WM. H. MARSTON	JAMES McNAB	GEO. D. GRAY
WM. G. MUGAN		WM. MATSON

FOREIGN COMMERCE:

WM. G. MUGAN	WM. MATSON	HENRY ROSENFELD
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INTERNAL TRADE AND IMPROVEMENTS:

JAMES K. MOFFITT	CHAS. C. MOORE	WM. L. GERSTLE
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HARBOR AND SHIPPING:

WM. MATSON	GEO. D. GRAY	JAMES McNAB
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RECEPTION AND ENTERTAINMENT:

JAMES McNAB	JAS. ROLPH, JR.	WM. L. GERSTLE
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SECRETARY, TREASURER AND LIBRARIAN:

CHESTER W. BURKS

PRESIDENT'S ANNUAL REPORT

To the Members of the Chamber of Commerce
of San Francisco:

Gentlemen:—The passage of the years brings us often to the position where we are impelled to say, "The King is dead; long live the King." The eventful year of 1906, long to be remembered in San Francisco annals and in the pages of history, is dead. The year 1907 is present with its duties to perform; its projects to be carried into execution; its work of rehabilitation of our still proud City by the Golden Gate to be vigorously pursued.

We of The Chamber of Commerce of San Francisco have many excellent reasons for remembering the events of 1906. The greatest fire in history destroyed business and residential portions of this City and inflicted a loss which is estimated to have been largely in excess of \$300,000,000.00 Deprived suddenly of much that seemed indispensable to the progress of the community, we still retained the facilities by which foreign and inter-state commerce moved. The water front was open for our use; the transcontinental railways and the ocean with its commercial fleets were remaining agencies by which we were still able to keep commerce in motion. Our people gave proof of their staying qualities. As soon as possible they resolutely set themselves to clearing up the debris and to rebuilding. When we look about us we can say that while in April, 1906, we met with a great disaster, it might have been worse. We shall rebuild the city and increase our commerce, which this Chamber will promote by all means available.

In the conflagration of April, 1906, this Chamber suffered in common with others. Our office, assembly room, library and many articles particularly connected with our history as an organization were destroyed. While much confusion naturally attended the days immediately following those three fateful days of April, the 18th, 19th, and 20th, we can recall with justifiable pride that no time was lost by this Chamber in making arrangements for continuing its useful work. One week from the time the fire was out the Chamber of Commerce of San Francisco had secured a new location in the Ferry Building, on the water front of San Francisco, at the most convenient point from both sides of the Bay. The oldest commercial organization on the Pacific Coast and the first among its associates in San Francisco to resume business, immediately began to work for the material interests of the City. As the Chamber led in the early days, so again it was found to be ready to lead in these later times when a great emergency put its readiness and willingness to the test.

As but barely three months of 1906 had passed when the commercial part of the City was laid low by fire, the greater part of the time during which I have been privileged to act as your President, has passed under conditions that are unusual from all points of view. We have had a busy year that may, by the San Francisco disaster, be divided into two periods, so far as our work is concerned—before and after the fire. The second period has been of the greater importance, not solely because of the greater length, but also by reason of the emergencies that have arisen and the manner in which they have been met.

Early in January, 1906, the Trustees of this body took favorable action to secure fair treatment for Hawaii, by recommending to the National Congress the adoption of a measure to set aside seventy-five per centum of the Federal customs and internal revenue collected in the Territory of Hawaii for a period of twenty years from July 1st, 1905 for the construction of Federal public works and public

educational buildings, in the Territory. Delegates from Hawaii visited us in advocacy of this measure and our assistance was cheerfully given.

Early in 1906 your Trustees approved House Bill No. 17,345 then before Congress, providing for the appointment of regular judges to preside over the extra territorial courts of China, under the supervision of the Department of Justice, and to have no other duties.

In April, the Trustees instructed the Secretary of this Chamber to send a telegram to United States Senator George C. Perkins and William M. Bunker, the Representative of this body at Washington, D. C., favoring the continuance of the Australasian mail service as a necessity and great convenience and also requesting efforts to secure additional mail payments for the maintenance of the service.

While not pursuing strictly chronological order in recording the events of the year in which this body has been concerned, it may be well to speak first of the great undertaking in which we were engaged in behalf of the holders of fire insurance policies in San Francisco. Entirely at our own expense, but with the valuable assistance of Hon. E. Myron Wolf, Insurance Commissioner of the State of California, and with the aid of other reliable agencies, an insurance investigation was instituted which has resulted in a report of permanent value. This report has been distributed among the commercial bodies of the world and forms an authoritative presentation of facts.

The scope of this investigation is best defined in the report of the Special Committee, consisting of Messrs. Chas. H. Bentley, Geo. E. Butler and Geo. D. Gray, as follows:

“Your Committee appointed to investigate insurance settlements incident to the late conflagration respectively submits the report of Professor A. W. Whitney, who was engaged to prepare the report under the general supervision of the Committee.

We have been particularly fortunate in having the assistance of such an able investigator, with technical exper-

ience in insurance matters, and we accordingly take this opportunity for expressing our appreciation of his untiring efforts and for thanking Mr. Benjamin Ide Wheeler, President of the University of California, through whose consideration it became possible for us to secure his services.

We have been fortunate too, in having our trustee, Mr. George E. Butler, as a member of our committee. His long experience and prominence in insurance circles have been of the greatest value in the investigation.

Thanks are also due to the savings banks, which have given exact information as to the thousands of adjustments made on losses in which the banks were concerned; to Mr. E. Myron Wolf, State Commissioner of Insurance; to the press of San Francisco; to the representatives of many of the Insurance Companies, who have for the most part received our inquiries with great courtesy; and in general to the many merchants and attorneys who have freely given desired information.

In preparation of this report we have kept in view its purposes as outlined in the original plan, to-wit:

1. The moral effect upon the Insurance Companies involved once they knew that the Chamber of Commerce proposed to make a reliable report giving due credit to those Companies which are fairly meeting their obligations.

2. Supplying information on application of our members relating to adjustments being made by Companies with which said members might hold policies.

3. Sending general information to Commercial Organizations throughout the country relating to the Insurance conditions in our City.

4. In the light of such information, venturing some suggestions that will tend to the betterment of the fire insurance business, both for the insurer and the insured.

The appreciative expressions already received prompt us to believe that the first two purposes have been accomplished in a degree far beyond our expectations. It is hoped that the latter two purposes will be accomplished in the publi-

cation of Professor Whitney's Report which is the result of most careful work on his part assisted by frequent conferences with your Committee."

The report consisted of a handsomely printed pamphlet of fifty-six pages, in which a careful review was made of all the circumstances attending the conflagration of April; the unusual problems which were presented to the Insurance Companies; unprejudiced and detailed statement of the manner of settlement of losses, and other useful information. No such undertaking of public importance has ever before been assumed, in the City of San Francisco, by any commercial organization. Large expense was involved and a great amount of faithful labor was bestowed on this historical work. It may not be amiss to select from the Committee's Report, a paragraph in which the conclusion of the Committee is summed up as follows:

"A few things remain to be said in conclusion. In the first place, unquestionably, taken all in all, the Companies have done remarkably well. An immense sum of money has been paid into the City, a far larger sum than Companies have ever been called upon to pay at one time before. In spite of the earthquake, in spite of the nearness in time of the Baltimore and Toronto conflagrations, the Companies will finally have paid undoubtedly in the neighborhood of 80 per cent of the amount of insurance involved. At Chicago there was 50 per cent paid, at Baltimore 90 per cent. The remarkable difference between the showing made by the Companies at San Francisco and at Chicago where there were 46 that failed, shows the great progress that has been made in 35 years in legitimate underwriting. And yet the San Francisco experience clearly points the way to needed improvements. The people of San Francisco owe a particular debt of gratitude to the Companies which made the fight for the old methods, for adjustment of claims on their merits and for payment of just claims in full."

It may be added in passing that several months were devoted by the Special Committee to the Insurance Investi-

gation and that their work was carefully reviewed and approved by your Board of Trustees.

A significant recognition of the standing of this body was afforded by the action of the Secretary of the Treasury of the United States in May, 1906. Through Mr. Frank A. Leach, Superintendent of the United States Mint at San Francisco, information was conveyed to this Chamber that the Secretary of the Treasury had authorized the payment of \$1000.00 to The Chamber of Commerce of San Francisco, to be devoted to such use as the Chamber might see fit. This sum was disbursed to fit up our offices. A letter of thanks signed by the President and Secretary was sent to the Secretary of the Treasury.

Mr. Edgar A. Allen, Special United States Indian Agent, informed your Trustees in May, that the Department of the Interior was desirous of giving San Francisco merchants an opportunity to bid upon supplies needed for the Indian warehouse at San Francisco, said warehouse and its contents having been destroyed by fire. With a view of furnishing the Department of the Interior a list of firms that would be in a position to handle this business, a circular letter was sent to members requesting them to advise the Chamber at their earliest convenience whether they could fill orders for supplies.

Soon after the fire a large number of letters, copies of resolutions, telegrams and cablegrams addressed to The Chamber of Commerce of San Francisco were received from Chambers of Commerce and various other commercial organizations throughout the United States and Foreign Countries. Your Trustees instructed the proper acknowledgements, signed by your President and Secretary to be sent in reply to these communications.

A matter of much importance to this State was brought to the attention of your Board in May. Grain bags en route to this port for use during the season of 1906 were being held up at Hongkong on account of the fear of congestion along the San Francisco water-front. Your Secretary ad-

addressed a communication to Mr. R. P. Schwerin, Vice-President and General Manager of the Pacific Mail Steamship Company, requesting him to use his best efforts to have the bags forwarded without delay. Mr. Schwerin replied that a cablegram had been sent to the Agencies of the Pacific Mail Steamship Company at Calcutta and Hongkong requesting the said Agencies to have these shipments forwarded at the earliest possible date. The action of your Secretary was approved by your Board of Trustees.

Mr. William M. Bunker, our representative at Washington D. C., has supplied much valuable information concerning pending appropriations in Congress in which California was especially interested and also in reference to bills of a miscellaneous nature relating to California or in which this State is more or less concerned. These communications from Mr. Bunker have been of much use, providing us with accurate information, fully and promptly, in time for consideration by your Trustees.

Acting under instructions of this body, your President in December, attended a conference at San Diego at which the principal theme of discussion was "California Harbors." That conference brought the people from various parts of the State together and they considered harbors and arrived at a general understanding which must prove beneficial.

The facts concerning the San Francisco water-front as stated in a communication addressed by Mr. Chas. S. Spear, as President of the Board of State Harbor Commissioners of California to the Merchants' Exchange, were made a part of your President's remarks at the San Diego conference, in order that those present might have all authentic information available from official sources. This statement in part has permanent interest. Some of the statistics presented by Mr. Spear are as follows:

San Francisco has a frontage on the water that is in actual use, and devoted to commercial purposes, of four and three quarters miles. The total number of miles of wharf is nine and three quarters, which is exclusive of

bulkheads and also exclusive of the ten proposed new piers. There are ten piers each 800 feet long and 26 piers, each 600 feet long; eight passenger ferry slips and four car ferry slips. The present piers give accomodation at one time for 220 vessels at an average of 250 feet to each vessel. The total length of berth room is stated by Mr. Spear to be 41,821 feet. The total length of bulkhead room between piers is 8,785 feet. The sum of \$2,000,000.00 is available for extensions. The works that are enumerated by Mr. Spear for which \$2,000,000.00 may be expended, will bring the total length of bulkhead up to 10,240 feet, an increase of 1455 feet above the present accommodation.

I quote Mr. Spear's words at this point to make clear what has been proposed by the Board of State Harbor Commissioners of California.

“The increased berth accomodations, when the new piers are constructed is 7,283 feet, which will give us 36 berths, each 200 feet long. We will have available for bulkhead use along China Basin, berth accomodations amounting to 3,050 feet, which will give us 15 bulkhead berths, each 200 feet long. It will be possible to build piers projecting from the bulkhead in front of China Basin that will give us 6,100 feet of berth room, making 30 berths, 200 feet long. The \$2,000,000.00 will be spent as follows:

The construction of 4,400 feet of sea wall that will cost approximately, \$770,000.00; paving and curbing East Street 120 feet in width, along the new sea wall costing about \$125,000.00; building 13 modern cylindrical piers in place of the old piers between the Pacific Mail Dock and Harrison Street Wharf, along the new sea wall, amounting to \$1,105,000.00 which will aggregate \$2,000,000.00.

In this connection it may be said that your Trustees have taken action favorable to the improvement of Oakland Harbor. At a special meeting of the Board of Trustees, held November 30th, it was the sense of the Board that the plan recommended by the Oakland Chamber of Commerce for the deepening and widening of Oakland Harbor, was

not only proper and most urgent but particularly necessary for the relief of the congested condition of the San Francisco water-front. Accordingly, a resolution was adopted urging the members of the California Delegation in the National Congress to use their utmost endeavors to secure a liberal appropriation, immediately available, for the deepening and widening of the channel in Oakland Harbor. A telegram was also sent to Hon. Theodore E. Burton, Chairman of the Rivers and Harbors Committee, then in session at Washington, D. C. urging that a favorable report should be made upon the recommendations of the Oakland Chamber of Commerce.

The thanks of the Chamber are due to the various Committees:

The Finance Committee has enabled us to carry our work on and has left a good balance in the Treasury. Credit for this is due to Mr. C. H. Bentley, our Vice-President and Chairman of this Committee.

Our Library Committee, under the Chairmanship of Mr. William L. Gerstle has been very active during the year.

The Foreign Commerce and Revenue Laws Committee under the Chairmanship of Mr. William R. Wheeler, has done Committee work that has materially added to the importance of our foreign commerce.

Our Internal Trade and Improvements Committee, by the active and energetic work of its Chairman, Mr. James B. Smith has materially improved matters in this regard.

Mr. James Rolph, Jr. Chairman of the Harbor and Shipping Committee, has been unceasing in his efforts to improve matters pertaining to the water-front, and great credit is due to this Committee.

Mr. Rufus P. Jennings, who has served as Chairman of the Reception and Entertainment Committee for several years, has on many occasions demonstrated the advantage of this Committee in the manner in which our visitors have been received and given a Godspeed on their departure.

Our Membership Committee, under the Chairmanship of Mr. Jas. B. Smith, has been very active during the year.

Our Committees on Arbitration and Appeals are doing everything in their power to improve these departments of our Chamber.

Considering the wholesale havoc caused by the disaster to the City of San Francisco in April, 1906 the following statistics relating to our commerce, banking and material interests generally, afford us reason for hope and for mutual congratulation:

BANK CLEARINGS:

1905.	1906.
\$1,834,549,788.00	\$1,998,400,779.00

The Bank Clearings for the month of November were the largest for any one month, in the history of the City.

DUTIES COLLECTED AT CUSTOM HOUSE ON IMPORTS OF MERCHANDISE:

1905.	1906.
\$7,131,327.00	\$9,091,483.00

SHIPMENTS OF FRESH FRUITS EAST:

1905.	1906.
8,244 Carloads.	6,236 Carloads.

CALIFORNIA CANNED FRUIT PACK:

1905.	1906.
3,250,000 Cases.	2,650,000 Cases.

RAISIN PACK:

1905.	1906.
43,750 Tons.	47,500 Tons.

ORANGES SHIPPED OVERLAND:

1904-1905.	1905-1906
26,044 Carloads.	28,260 Carloads

DRIED PRUNE CROP:

1905.	1906.
85,000,000 Pounds.	180,000,000 Pounds.

DRIED APPLES:

1905.	1906.
3,250 Tons	2,750 Tons.

APRICOTS:

1905.	1906.
19,250 Tons.	3,250 Tons.

FIGS:

1905.	1906.
3,625 Tons.	3,875 Tons.

PEACHES:

1905.	1906.
17,500 Tons.	11,250 Tons.

LEMONS:

1905.	1906.
5,378 Carloads.	5,146 Carloads.

HONEY PRODUCTION:

1905.	1906.
9,500,000 Pounds	5,250,000 Pounds

HOP CROP:

1905.	1906.
67,500 Bales.	85,000 Bales.

BEET SUGAR PRODUCT:

1905.	1906.
122, 500,000 Pounds.	128,000,000 Pounds.

REPORT OF THE PRESIDENT

WINE PRODUCTION:

1905.	1906.
30,700,000 Gallons.	41,000,000 Gallons.

BRANDY (COMMERCIAL):

1905.	1906.
1,250,000 Gallons.	1,175,000 Gallons.

ALMONDS.

1905.	1906.
2,125 Tons.	6,125 Tons.

WALNUTS:

1905.	1906.
7,250 Tons.	6,125 Tons.

GOLD YIELD:

1905.	1906.
\$19,197,043	\$20,000,000 Estimated.

SILVER YIELD:

1905.	1906.
\$900,000	\$1,000,000 Estimated.

COPPER YIELD:

1905.	1906.
\$2,650,605	\$2,820,600 Estimated

WHEAT CROP:

1905.	1906.
322,500 Tons.	432,500 Tons.

BARLEY CROP:

1905.	1906.
475,000 Tons.	562,500 Tons.

WOOL PRODUCTION:

1905.	1906.
22,000,000 Pounds.	24,000,000 Pounds.

The exports of merchandise to foreign countries, non-contiguous territory and eastern States amounted in round numbers to \$50,000,000 during the year 1906, while the imports from all sources were \$48,000,000.

The total number of real estate sales during the year just passed was 8,947, aggregating \$68,064,300, while the total number for the year 1905 was 9,572 aggregating \$74,926,065.

Prior to the Fire there were 3,811 sales, aggregating \$45,940,081. Since April 18th the number of real estate sales amounted to 5,136, aggregating \$22,124,219.

The total number of mortgages recorded during the year 1906 was 5,488, aggregating \$35,325,680. The total number for the year 1905 being 6,746, aggregating \$35,016,855.

The month of March, 1906, was the largest in the history of San Francisco real estate sales, the total sales for the month aggregating \$18,250,570.

Personally, your President, upon retiring from office, desires to express his thanks to the Trustees and Secretary of this institution and to the Press of San Francisco for a large measure of co-operation. In trying times they have performed their duties well.

WILLIAM H. MARSTON,
President.

SECRETARY'S ANNUAL REPORT

TO THE HONORABLE PRESIDENT, BOARD OF TRUSTEES AND MEMBERS OF THE CHAMBER OF COMMERCE OF SAN FRANCISCO.

Gentlemen:—I have the honor of presenting to you the 57th annual reports of the Secretary, Treasurer and Librarian of the Chamber for the eventful year ending December 31st, 1906.

The 56th Annual Report of the Chamber, containing the annual report of the President, Secretary, Treasurer, Librarian and Washington, D. C., Representative, as well as statistics of the trade and commerce of the Port, during the year 1905, was in the hands of the printer and destroyed by fire during the month of April. Fortunately the statistical portion of the Report has been saved and recompiled, but it has been impossible to furnish a full record of the action taken by the Chamber and Board of Trustees upon the many subjects presented and considered during that year. I have given, however, a synopsis of the transactions, beginning with the first meeting held after the fire, which will show to some extent, the work of the Chamber during the past year, and which relate entirely to the subjects presented and acted upon by the Board of Trustees.

I desire to call the particular attention of the members of the Chamber to the statistical portion of the 56th and 57th Annual Report, which is now in the hands of the printer, and will be issued within a few weeks. As the Annual Report of the Chamber of Commerce is the only publication issued in San Francisco that gives a detailed statistical statement of our commerce and trade, there is a great and increasing demand for same. Already, we

have several hundred names on our mailing list to receive a copy of this document. Besides furnishing our regular correspondents with this report, copies are forwarded to the Diplomatic and Consular Officers abroad, as well as the various Governmental Departments at Washington, D. C.

To fully understand the work of the year, it would be necessary to examine the general correspondence, which covers many subjects not included in the synopsis of transactions. A large number of letters have been received requesting information relative to the general resources and industries of the State, besides hundreds of letters of a miscellaneous character bearing upon almost every conceivable subject. The general correspondence has greatly exceeded that of any other year in the history of the Chamber. I have encouraged it in every way possible and endeavored to furnish the best information obtainable in line with the requests made.

In addition to the regular meetings, three special meetings of the Board of Trustees have been held during the year.

During the month of February the use of the rooms of the Chamber was given to the Brotherhood of St. Andrew for the purpose of holding Lenten Services, which continued during the entire Lenten Season.

Notwithstanding the fact that no collection of membership dues was made during the months of April, May and June, 1906, the report of the Treasurer shows a substantial balance, as compared with the balance on hand December 31st, 1905.

During the past year, your Secretary made a canvass for new members and it is with pleasure that he has to report that our membership to-day is the largest in the history of the Chamber, nearly one hundred new members having been enrolled during the year 1906.

In this connection permit me to state that I find with some surprise, that many of our business men do not seem to fully understand the aims and uses of our organization, and it is to be hoped that as we become more and more in

evidence, this ignorance of our purpose and work, will become less. We are not, as in many small cities and towns, combined with similar organizations, but have our own special field in which to labor, and the various other organizations, theirs, enabling each one to do better work in its own Department, there being plenty to do for all.

The Chamber of Commerce suffered a great loss when its Library was destroyed by fire during the month of April, but through the good offices of Hon. George C. Perkins, United States Senator, your Librarian has replaced nearly 2000 of the volumes and pamphlets that were destroyed. We have on file the Daily Congressional Records, The Daily and Monthly Consular Reports, Treasury Decisions, Monthly Summary of Commerce and Finance, Health Reports, etc., as well as copies of all bills introduced in the United States Senate and House of Representatives, affecting the interests of California and the Pacific Coast. During the coming year, much attention will be given to the replacing of books destroyed and it is hoped that in a short time we will again have a valuable library for reference by our members and others.

I trust that the members of the Chamber of Commerce and the public generally, will continue to keep the Chamber in mind and not hesitate to ask for any information which may be in our power to render, and if we do not happen to be possessed of the desired knowledge, we will use our best endeavors to obtain it, and if useful to our friends, the information will be mutual, as we will have had the advantage of seeking it.

Thanking the Officers, Trustees and Members of the Chamber for their kindness and courtesy and assuring the gentlemen of the Press of our hearty appreciation of their assistance and co-operation, I beg to remain,

Yours respectfully,

C. W. BURKS,

Secretary.

January 15, 1907.

TREASURER'S ANNUAL REPORT

YEAR ENDING DECEMBER 31st, 1906.

1906, JANUARY 1—

Balance on hand..... \$ 7,324 06

RECEIPTS

Dues	\$ 5,100 00	
Subscriptions to Washington, D. C., Bureau.....	3,120 00	
Donation, Treasury Department, Washington, D. C.	1,000 00	
Relief Fund, Ft. Collins Chamber of Commerce.....	312 20	
Insurance, Fireman's Fund Insurance Co	750 00	
Certificates of Membership	367 00	
Insurance Report	141 52	
Unidentified Collections.....	179 50	
Interest, Money on Deposit.....	199 59	
	<hr/>	11,169 81
		<hr/>
		\$18,493 87

DISBURSEMENTS

Rent	\$ 450 00	
Salaries	7,001 42	
Telephones	87 36	
Telegrams	79 98	
Expense, Collecting Quarterly Dues.....	259 80	
Stationery and Printing	607 70	
Library Expense. New Books.....	44 25	
Premium on Bond, Taxes and Insurance.....	46 48	
Office Furniture and Fixtures.....	603 60	
Compiling Statistics Reports.....	175 00	
Relief, Valparaiso Earthquake and Fire Sufferers..	100 00	
New San Francisco Magazines	104 00	
Certificates of Membership	659 80	
Panoramic Views of San Francisco Water Front....	100 00	
Gift to Geo. A. Newhall, Retiring President.....	200 00	
Accountant.....	30 00	
Entertainments.....	148 00	
Advertising.....	44 80	
Janitor Service.....	16 00	
Collection Charges	50	
Unidentified Disbursements	50 00	
Sundry Bills and Postage.....	796 07	
	<hr/>	11,604 76
		<hr/>
		\$ 6,889 11

December 31, 1906. Balance on hand—

In Security Savings Bank, T. D.....	\$1,261 21	
In San Francisco Savings Union, T. D.....	4,080 14	
In Mercantile Trust Company, (Relief Acct.).....	312 20	
In Mercantile Trust Company, (Repair Acct.).....	290 85	
In Mercantile Trust Company, (Regular Acct.).....	944 71	
	<hr/>	\$ 6,889 11

C. W. BURKS, *Treasurer.*

APPROVED:

C. H. BENTLEY,

Vice-President and Chairman Finance Committee.

ADDITIONS TO LIBRARY

1. Twelfth Census of the United States, 1900, Volumes 1 to 10.
2. Statistical Atlas.
3. Special Reports of the Census Office: Occupations; Employees and Wages; Mines and Quarries, 1902; Street and Electrical Railways, 1902; Mortality, 1900 to 1904; Benevolent Institutions, 1904; The Blind and the Deaf, 1900.
4. Commercial Relations of the United States, 1895 to 1904, inclusive (16 volumes), Department of Commerce and Labor.
5. Commerce and Navigation of the United States, 1876, 1878, 1879, 1880, 1885 to 1895 inclusive, Treasury Department.
6. Special Reports, Commissioner of Labor, 1892, 1893, 1894, 1895, 1897, 1898, 1904 and 1905.
7. Reports of the Commissioner of Labor of Hawaii, 1901, 1902, 1904 and 1905.
8. Navigation Laws of the United States, 1895 to 1899 inclusive, Treasury Department.
9. Annual Financial Reports, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905, Treasury Department.
10. Annual Reports Interstate Commerce Commissioner, 1888 to 1905 inclusive.
11. Report of the Commissioner of Navigation, 1894 to 1905 inclusive, Treasury Department.
12. Report of the Director of the Mint, Production of Precious Metals, 1905, Treasury Department.
13. Annual Reports, Commissioner of Labor, 1886 to 1891 inclusive, 1899 to 1905 inclusive, Department of Commerce and Labor.
14. List of Merchant Vessels of the United States, 1890 to 1906 inclusive, Treasury Department.
15. Report of the Secretary of the Treasury, 1886 to 1896 inclusive, Treasury Department.
16. Mineral Resources of the United States, 1903, United States Geological Survey.
17. Reports of the Superintendent of the Coast and Geodetic Survey, 1891 to 1897 and 1899 to 1905 inclusive, Treasury Department.
18. Report of the Isthmian Canal Commission, 1899 and 1901, PLATES.
19. Annual Report Department of the Interior, 1897.
20. Maps to Accompany Third Annual Report of Reclamation Service, 1903-04, Department of the Interior.

21. Report of the Board of Consulting Engineers for the Panama Canal Commission.
22. Report of the Engineering Committee, February 14, 1905, Isthmian Canal Commission.
23. Special Report, Chairman Isthmian Canal Commission to the Secretary of War, April 23, 1906.
24. Annual Reports United States Geological Survey, 1902 to 1905 inclusive, Department of the Interior.
25. Monographs of the United States Geological Survey, Department of the Interior.
26. Official Year Book of New South Wales, 1904-05.
27. French Telegraph Cable Company's Cable Tariffs, January 1, 1907.
28. Official Directory Fifty-sixth Congress, First Session, April, 1906.
29. List of National State and Local Commercial Organizations, Interstate Commerce Commission, 1902.
30. Commerce and Finance in the United States, June, August and September, 1906.
31. Monthly Consular and Trade Reports: December, 1903; January, February, March, April, May, June, July, August, September, October, November and December, 1904; January, February, March, April, May, June, July, August, September, October, November and December, 1905; January, February, March, April, May, June, July, August, September, October and November, 1906. Department of Commerce and Labor.
32. Bulletin, Bureau of Labor, March, 1905; January, March, May, September, 1906. Department of Commerce and Labor.
33. Imports of Merchandise by Articles, Customs Districts and Countries, 1893 to 1897, Treasury Department.
34. Exports of Merchandise by Articles, Customs Districts and Countries 1893 to 1897, Treasury Department
35. Bulletins: Nos. 52, Illinois, 53, Massachusetts; 54, New Jersey; 55, Georgia; 56, Wisconsin; 57, United States, Department of Commerce and Labor.
36. Imports for Consumption into the United States, 1884 to 1894, Treasury Department.
37. Imported Merchandise Entered for Consumption into the United States, 1884 to 1896, Treasury Department.
38. Statutes of the United States of America Passed at Third Session Fifty-eighth Congress, 1904-1905.
39. Climatology of California, United States Department of Agriculture.
40. Memorial Addresses—Lincoln, Garfield, McKinley—Delivered before the two Houses of Congress by George Bancroft, James Blaine and John Hay.

41. Foreign Commercial Guide of South America, The Philadelphia Commercial Museum.
42. Catalogue of Charts, Coast Pilots and Tide Tables, 1905, Department of Commerce and Labor.
43. Commercial Raw Materials, Their Origin, Preparation and Uses, The Philadelphia Commercial Museum.
44. Associacao Commercial do Porto Relatorio de Direcco, Anno de 1905.
45. New South Wales Statistical Register for 1904 and Previous Years.
46. New South Wales Statistical Register for 1905 and Previous Years (two pamphlets).
47. Report of the Trade Conditions in Brazil, Department of Commerce and Labor.
48. Annual Reports Lighthouse Board for Years ending June 30, 1901, 1902, 1904 and 1905.
49. Report to the President on Anthracite Coal Strike of May-October, 1902.
50. Report on the City of San Francisco, California, by the National Board of Fire Underwriters, October, 1905.
51. California Blue Book, 1899, Secretary of State.
52. Report Commission on Revenue and Taxation of the State of California, 1906.
53. General Index to Monthly Consular and Trade Reports, Department of State.
54. Insurance in Foreign Countries, Department of Commerce and Labor.
55. Special Consular Reports:
Trusts and Trade Combinations in Europe; Mineral Water Industry; Heating and Cooking Stoves; Silver and Plated Ware; Creameries in Foreign Countries; Money and Prices in Foreign Countries; Soap Trade in Foreign Countries; Merchant Marine of Foreign Countries; The Stave Trade in Foreign Countries; Book Cloth in Foreign Countries; Vehicle Industry in Europe; Stored Goods as Collateral for Loans; Briquettes as Fuel in Foreign Countries; Highways of Commerce in Foreign Countries; Streets and Highways in Foreign Countries; India Rubber; Olive Culture in the Alpes Maritimes; Coal and Coal Consumption in Spanish America; Canals and Irrigation in Foreign Countries; Development of Underground Waters in the Eastern Coastal Plain Region of Southern California; Windmills in Foreign Countries; Foreign Markets for American Fruits; Industrial Education and Industrial Conditions in Germany; Marketing Goods in Foreign Countries; Warehouses in Foreign Countries;

- Foreign Markets for American Cotton Manufactures; Emigration to the United States; Machine-made Lace Industry in Europe. Department of Commerce and Labor.**
56. **Annual Reports Commissioner-General of Immigration, Fiscal Year Ending June 30, 1892, 1897, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.**
 57. **Pilot Regulations and Rules, Department of Commerce and Labor (6 pamphlets).**
 58. **Exports Declared for the United States, Fiscal Year Ended June 30, 1902, Department of State.**
 59. **Annual Report Supervising Inspector-General, Fiscal Year Ended June 30, 1904, Department of Commerce and Labor.**
 60. **Annual Report The Southampton Chamber of Commerce, 1905 and 1906.**
 61. **Statistical Abstract of the United States, 1886 to 1893 and 1895 to 1905 inclusive, Treasury Department.**
 62. **Foreign Commerce and Navigation of the United States, Year Ending June 30, 1895, Treasury Department.**
 63. **Code List of Merchant Vessels of the United States, for years 1895, 1897, 1899, 1900 to 1903 inclusive, Department of Commerce and Labor.**
 64. **Sea-going Vessels of the United States, years 1904 and 1905, Department of Commerce and Labor.**
 65. **List of Lights and Fog Signals of the United States, February, 1906.**
 66. **List of Lights, Buoys and Daymarks in the First, Second, Third, Fourth, Fifth, Sixth, Seventh and Eighth Lighthouse Districts.**
 68. **List of Lights, Buoys and Daymarks on the Pacific Coast of the United States, corrected to January 1, 1906.**
 69. **List of Lights, Buoys and Daymarks of the United States of the Northern Lakes and Rivers, corrected to the opening of navigation, 1906.**
 70. **Exports Declared for the United States, years 1898, 1899, 1900 and 1901, Department of State.**
 71. **Home Consumption and Imposts Statements, being Nos. 17, 18, 19, 20 and 21 of the Annual Report of the Chief of the Bureau of Statistics, Department of Commerce and Labor.**
 72. **Annual Statements of the Imports and Exports of the United States, fiscal year ended June, 1880, 1884 and 1892, Treasury Department.**
 73. **Imported Merchandise Entered for Consumption in the United States, 1878, 1879, 1880, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1890, 1891 and 1892, Treasury Department.**

74. Navigation Laws of the United States, 1886, Treasury Department.
75. Report on the State of Commerce, Shipping and Industry in 1893 to 1904 inclusive, Chamber of Commerce and Factories at Amsterdam.
76. Annual Report of The Chamber of Commerce and Manufacturers in the City of Edinburgh, year ending March 31, 1906.
77. Report of the Committee of the Hongkong General Chamber of Commerce, year ending December 31, 1905.
78. Third Annual Report, The Netherlands Chamber of Commerce in America, year ending April 30, 1906.
79. Fifteenth Annual Report, Chamber of Commerce and Manufactures, Geelong (Victoria), 1905.
80. Annual Report, The Bristol Incorporated Chamber of Commerce and Shipping, 1905-06.
81. Annual Report, Auckland Chamber of Commerce, February, 1906.
82. Report Committee, Manila Chamber of Commerce, year ending December 31, 1905.
83. Twentieth Annual Report Newcastle Chamber of Commerce, 1905 and 1906.
84. Annual Report Johannesburg Chamber of Commerce, incorporated, year ending February 28, 1906.
85. Year Book, American Chamber of Commerce in Paris, 1906.
86. Hamburgs Handel im Jahre, 1905.
87. Die Stadtische Handels-Hochschule im Coln, 1903, 1904, 1905.
88. Handelshochschule Berlin, Eroffnung, Oktober, 1906.
89. Bulletin de la Chambre de' Agriculture de Cochinchine, October and November, 1905; January and February, February, March, May, 1906.
90. Bulletins for months of March, April, May and June, 1906, American Chamber of Commerce in Paris.
91. "Commerce," April, May and June, 1906, Japan Foreign Trade Association.
92. Monthly Magazine, April, May, June, July and August, 1906, The Incorporated Chamber of Commerce of Liverpool.
93. The Chamber of Commerce Journal, September and November, 1906, The London Chamber of Commerce.
94. Statistische Mittheilungen Bremens Handel und Schiffahrt um Jahre, 1905.
95. Annual Report Yokohama Foreign Board of Trade, year 1905.
96. Report of the Commissioner of Corporations, December, 1904; March, 1905. Department of Commerce and Labor.
97. Fifty-fifth Annual Report of the Insurance Commissioner, State of New Hampshire, year 1906.

98. History of the Earthquake and Fire in San Francisco.
99. Annual Fire Insurance Report, Insurance Commissioner, State of Tennessee, year 1905.
100. Annual Report Insurance Commissioner, State of Michigan, 1906.
101. California Blue Book, year 1903.
102. Structural and Industrial Material of California, California State Mining Bureau.
103. Annual Report Cleveland Chamber of Commerce, 1906.
104. Annual Reports of the Department of Commerce and Labor, 1905.
105. Report of the Merchant Marine Commission, with Testimony taken at Hearings, Volumes I, II and III.
106. Annual Report Insurance Commissioner, State of Kentucky, year 1906.
107. Thirty-fifth Annual Insurance Report of the Insurance Commissioner, State of Maryland, year 1906.
108. Bulletins United States Fish Commission, 1899, 1901, 1902, 1903, 1904 and 1905.
109. Bulletin of the Bureau of Fisheries, years 1904 and 1905.
110. Report of the Bengal Chamber of Commerce, 1905 and 1906.
111. Appendices, Report Bengal Chamber of Commerce, 1905.
112. Annual Report City of Los Angeles, 1905.
113. Report of the Insurance Commissioner of the State of Wisconsin, 1906.
114. Seventh Annual Edition Best's Insurance Reports, 1906.
115. Annual Report Philadelphia Maritime Exchange, years 1905 and 1906.
116. Annual Reports, Trade and Commerce of Milwaukee, 1897 to 1906 inclusive.
117. Annual Statistical Report, The Merchants' Exchange of San Francisco, years 1903-04, 1904-05.
118. Annual Reports of the Philadelphia Board of Trade, years 1879 to 1882 inclusive, 1886 to 1894 inclusive, 1896, 1899; 1901 to 1906 inclusive.
119. Annual Reports Chamber of Commerce of Buffalo, years 1903, 1904 and 1905.
120. Annual Report Buffalo Merchants' Exchange, years 1885 to 1892 inclusive; 1894, 1895; 1897 to 1902 inclusive.
121. Annual Reports, Vancouver Board of Trade, years 1896 to 1899 inclusive, 1904-05, 1905-06.
122. Annual Report Victoria Board of Trade, years 1899 to 1906 inclusive.
123. Annual Report Springfield Board of Trade, years 1892, 1895, 1897, 1900; 1903 to 1906 inclusive.

124. Annual Reports Commercial and Industrial Association of Montgomery, Alabama, years 1899; 1901 to 1905 inclusive.
125. The World's Commerce and American Industries, 1903, Philadelphia Commercial Museum (2 volumes).
126. Annual Report Newcastle Chamber of Commerce, 1887 to 1893 inclusive, 1895 to 1906 inclusive.
127. Annual Report Chamber of Commerce and Manufactures in the City of Edinburgh, years ending March, 1902 to 1905 inclusive.
128. Year Book, Board of Trade of the City of Newark, 1906.
129. Annual Report California State Board of Trade, fiscal years ended, 1892 to 1900 inclusive, 1904 and 1905.
130. Chamber of Commerce Bulletin, October, 1906, Portland Chamber of Commerce.
131. Annual Report Santa Barbara Chamber of Commerce, July, 1906.
132. By-Laws and Act of Incorporation, Vancouver Board of Trade, adopted July 11, 1899.
133. Annual Report Philadelphia Museums, year 1905.
134. Annual Report Merchants' and Manufacturers' Association of Baltimore, 1905.
135. Annual Report Peoria Board of Trade, year ending December 31, 1905.
136. Annual Statement, Trade and Commerce of Memphis, Tennessee, 1905, Memphis Merchants' Exchange.
137. Brief of Petitioner on Demurrer of Respondents, Supreme Court State of California.
138. Commercial America Buyer's List, Philadelphia Commercial Museum.
139. Conversion Tables of Weights and Measures and Foreign Moneys, Philadelphia Commercial Museums.
140. Catalogue University of Pennsylvania, 1905 and 1906.
141. Bulletin Lowell Textile School, Lowell, Mass., 1906, 1907.
142. Annual Report National Board of Fire Underwriters, April, 1906.
143. Annual Report Insurance Department, State of Louisiana, 1905.
144. Hearings before the Committee on Merchant Marine and Fisheries, April 4 to 13, 1906, Merchants' Marine Commission.
145. Annual Report Chamber of Commerce of New York, 1901 to 1906 inclusive.
146. Annual Report Chamber of Commerce of Baltimore, 1905.
147. Year Book and Directory Chamber of Commerce, Pittsburg, Pa., years 1900, 1901, 1903, 1904, 1905 and 1906.
148. Annual Statement Trade and Commerce of St. Louis, Merchants' Exchange, years 1901 to 1905 inclusive.
149. Annual Reports, The Incorporated Chamber of Commerce of Liverpool, 1898 to 1906 inclusive.

150. Annual Report Boston Chamber of Commerce, 1889 to 1905 inclusive.
151. Monthly Summary Commerce and Finance, January, 1899; December, 1900; January to December, 1901 inclusive; September October, November, 1904; January to May, 1905 inclusive; January to December, 1906, inclusive.
152. Imported Merchandise Entered for Consumption in the United States, 1821-1903, 1821-1904, 1827-1901, 1827-1902; Department of Commerce and Labor.
153. Commerce of the Non-contiguous Territory of the United States, Department of Commerce and Labor.
154. Tonnage Movement of American and Foreign Vessels in the Foreign Trade of the United States, years ending June 30, 1904 and 1905, Department of Commerce and Labor.
155. Commercial America in 1905, Department of Commerce and Labor.
156. The Commercial Orient in 1905, Department of Commerce and Labor.
157. Special Reports Bureau of the Census, Telephones and Telegraphs, 1902, Department of Commerce and Labor.
158. Census of Manufactures, Bureau of the Census, Bulletins 35, 36, 37, 38, 39, 41, 42, 43, 44, 45, 46, 47, 49.
159. Commercial Cuba in 1905, Department of Commerce and Labor.
160. Diplomatic and Consular Service of the United States, corrected to September 14, 1903.
161. Laws Concerning the Weights and Measures of the United States, 1904, Department of Commerce and Labor.
162. Bulletins Bureau of Standards, Nos. 1, 2 and 3, Department of Commerce and Labor.
163. Conference on the Weights and Measures of the United States, January 16 and 17, 1905, Department of Commerce and Labor.
164. Annual Report Director of the Bureau of Standards, for year ending June 30, 1905, Department of Commerce and Labor.
165. Paper Presented American Institute Electrical Engineers, New York, November 1905, The National Bureau of Standards.
166. Report of the United States "Liquid Fuel" Board, 1904, Department of the Navy.
167. Jahres-Bericht der Handelskammer im Bremen, 1865, 1867, 1868, 1869, 1874, 1875, 1876, 1877, 1879, 1881, 1882, 1883, 1884, 1885 to 1905 inclusive.
168. Rapport Chambre de Commerce et des Fabriques de Gand, 1901 to 1905 inclusive.
169. Statistische Mitteilungen Bremens Handel und Schiffahrt, 1887, 1878; 1880 to 1905 inclusive.

170. Annual Reports Canterbury Chamber of Commerce, 1895; 1898 to 1901 inclusive; 1903 to 1905 inclusive.
171. Hamburg's Handel in Jahre, 1900 to 1905 inclusive.
172. Annual Report Cape Town Chamber of Commerce, incorporated, year 1905-06.
173. Annee Resume des Travaux Revue Statistique Chamber of Commerce de Havre, 1905.
174. Annual Report Yokohama Foreign Board of Trade, 1903 to 1906 inclusive.
175. Annual Report Auckland Chamber of Commerce, 1904, 1905 and 1906.
176. Report of the Proceedings of Members' Dinner held June 22, 1905, Auckland Chamber of Commerce.
177. Report of the Proceedings Conference Chambers of Commerce of New Zealand, February, 1901 and 1902.
178. Annual Reports Adelaide Chamber of Commerce, incorporated, 1894 to 1906 inclusive.
179. Annual Report Dunedin Chamber of Commerce, July, 1906.
180. Jahresbericht der Handelskammer zu Hamburg das Jahr, 1900 to 1905 inclusive.
181. Report on Conditions of Trade, Shipping and Industry, 1905, Chamber of Commerce and Factories at Amsterdam.
182. Annual Report Perth Chamber of Commerce, year ended June 30, 1906.
183. Congress International des Chambres de Commerce et des Associtaions Commerciales et Industrielles, September, 1905.
184. Die Aeltesten der Kaufmannschaft von Berlin-Les Syndics des Commerçants de Berlin, September, 1905.
185. Sixth Financial and Economic Annual of Japan, 1906, Department of Finance.
186. Brief History Tokyo Chamber of Commerce and United Chambers of Commerce in Japan, May, 1902.
187. Quarterly Summary of Commerce in the Philippines, Bureau of Insular Affairs, January, March and April, 1906.
188. Report—Progress of Investigation of Mineral Resources in Alaska, United States Geological Survey.
189. Bryozoan Fauna of the Rochester Shale, United States Geological Survey.
190. Record of Deep Well Drilling, United States Geological Survey.
191. Osaka Trade Journal, Osaka Chamber of Commerce.
192. Geology and Mineral Resources of Mississippi, United States Geological Survey.
193. Report of Agricultural Investigation in Hawaii, United States Geological Survey.

194. Report of Twonsville Harbour Board, June 30, 1905, to June 30, 1906.
195. Boletin Estadistica Fiscal, months of March, April, May, June, July, August and September, 1906.
196. History of Bills and Joint Resolutions, Congressional Record Index.
197. Monthly Summary of Commerce and Finance, June, October and November, 1906, Department of Commerce and Labor.
198. Resumen de le Importicion de las Exportacion, Agosto, 1906.
199. Catalogo Ufficiale-Sizioni Svizzere Milan Exposition, 1906.
200. Rapport de la Chambre de Commerce, de Amens, September, 1906.
201. Sugar, Pine and Western Yellow Pine in California, Department of Agriculture.
202. Experiments on the Strength of Treated Timber, Department of Agriculture.
203. By-Laws of the Wellington Harbour Board, June, 1904.
204. Annual Statistical Report of the Tokyo Chamber of Commerce, years 1905 and 1906.
205. Rapport de Halbery Hervet.
206. Rapport de Sir Thomas Barclay.
207. Proceedings of the Eleventh Annual Convention of the National Association of Manufacturers, 1906.
208. Rapport Congres International, September, 1905.
209. A Memorial and Petition for the Amendment of the Contract Labor Law, Presented by Merchants of the Philippine Islands.
210. Annual Report of the Secretary and Treasurer, Washington, D. C., fiscal year ending June 30, 1906.
211. "Jas. Wilson, Patriot, and the Wilson Doctrine," Andrew Carnegie.
212. Annual Report of the Commissioner of Corporations for year ending June 30, 1906, Department of Commerce and Labor.
213. Drumlins of Southwestern Wisconsin, United States Geological Survey.
214. Child Labor in the District of Columbia, Department of Commerce and Labor.
215. Report of State Board of Equalization for 1905-1906.
216. News Notes of California Libraries, months of September, October, November, December, 1906.
217. Rapport Chambre de Commerce de Gand, 1895, 1896, 1897, 1898, 1899 and 1900.
218. Annual Report Isthmian Canal Commission, December, 1906.
219. California State Mining Bureau Bulletin No. 42.

- 220. Official Program Thirty-seventh Annual Meeting of the National Board of Trade, Washington, D. C., January, 15, 1907.
- 221. "The Italian Trade," Office of Direction and Administration, Rome, Italy, November, 1906.
- 222. Isthmian Canal Circulars Nos. 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364.
- 223. Lumber Cut of United States, 1905, Department of Agriculture.
- 224. Kiln Drying Hardwood Lumber, Department of Agriculture.
- 225. New South Wales Statistical Register, 1907, Intelligence Department and Bureau of Statistics.
- 226. Advance Sheets Monthly Summary of Commerce and Finance, months of July, November and December, 1906, Department of Commerce and Labor.
- 227. Commerce and Navigation of the United States, years 1884, 1885, 1886, 1887, 1888, 1890, 1891, 1893 (Parts 1 and 2), 1895 (A and B), 1898 to 1905 inclusive; Department of Commerce and Labor.
- 228. Annual Report Commerce and Navigation of the United States, 1897, Vols. 1 and 2; 1899, Vols. 1 and 2; 1900, Vols. 1 and 2; 1903, Vols. 1 and 2; 1904, Vols. 1 and 2. Treasury Department.
- 229. Monthly Circular British Chamber of Commerce at Paris, months of July and November, 1906.
- 230. Boletin Camara de Comercio, Ecuador, November, 1906.
- 231. Census of Manufacturers, Bulletins Nos. 48 to 62 inclusive, Department of Commerce and Labor.
- 232. Monthly Reports of the Yokohama Chamber of Commerce, months of August, November and December, 1906.
- 233. Annual Report of the Chief of Engineers, United States Army, 1906.
- 234. Annual Report of the New York Produce Exchange, 1905-06.
- 235. Results of Spirit Leveling in the State of New York, years 1896 to 1905 inclusive, United States Geological Survey.
- 236. Corundum, Its Occurrence and Distribution in the United States, United States Geological Survey.
- 237. The Rampart Gold Placer Region in Alaska, United States Geological Survey.
- 238. Geology and Coal Resources of Cape Lisbourne Region, Alaska, United States Geological Survey.
- 239. Contributions to Economic Geology, 1905, United States Geological Survey.
- 240. Bulletin of the Bureau of Labor, November, 1906, United States Geological Survey.
- 241. Slate Deposits and Slate Industry of the United States, United States Geological Survey.

242. Taconic Physiography, United States Geological Survey.
243. Geology of the Boulder District, Colorado, United States Geological Survey.
244. Mineral Resources of Kenai Peninsula, Alaska, United States Geological Survey.
245. Dictionary of Altitudes in the United States, United States Geological Survey.
246. Oil Fields of the Texas-Louisiana Gold Coastal Plain, United States Geological Survey.
247. A Gazetteer of Colorado, United States Geological Survey.
248. Third Annual Report of the Reclamation Service, 1903-04, Department of the Interior.
249. Field Operations of the Bureau of Soils, 1904, United States Department of Agriculture.
250. The San Francisco Conflagration of April, 1906, Special Report, National Board of Fire Underwriters.
251. Report Commission of Revenue and Taxation in the State of California.
252. Supply and Distribution of Cotton for the Year ending August 30, 1906, Department of Commerce and Labor.
253. Annual Report of the Lighthouse Board, June 30, 1906, Department of Commerce and Labor.
254. Commercial Relations of the United States with Foreign Countries, 1905, Department of Commerce and Labor.
255. Biennial Report of the California State Library, 1906.
256. Bulletins Nos. 50, 52 and 53, American Chamber of Commerce in Paris.
257. New South Wales Statistical Register for 1905 and Previous Years, Intelligence Department and Bureau of Statistics.
258. Monthly Consular and Trade Reports, June to December, 1906 inclusive, and January to June, 1907, inclusive, Department of Commerce and Labor.
259. Exports of Domestic Products, 1906-07, Department of Commerce and Labor.
260. Boletín de Estadística Comercial, Callao, Peru, months of May, June and July, 1906.
261. Biennial Report of the President of the University of California, 1904-05.
262. Forty-seventh Annual Report of the Canterbury Chamber of Commerce, August, 1906.
263. Boston Merchants' Association Bulletins Nos. 56, 57 and 58.
264. Bulletins American Association of Commerce and Trade, for months of November, December, 1906, and January, 1907.
265. Annual Trade Review, London Chamber of Commerce, January, 1907.

- 266. The Chamber of Commerce Journal, London Chamber of Commerce, January, 1907.
- 267. Harrisburg Board of Trade Journal for months of August, September and December, 1906; January, February, March, April and May, 1907.
- 268. Child Labor in the United States, Bulletin No. 69, Department of Commerce and Labor.
- 269. Monthly Magazine, The Incorporated Chamber of Commerce of Liverpool, months of November and December, 1906; and January, 1907.
- 270. International Review, January, 1907, Bureau of Information, Tokyo, Japan.
- 271. Bericht Handerskammer in Bremen das Jahr, 1906.
- 272. Maintenance of Pavements and Administration of Streets in the City of New York, December, 1906, The Merchants' Association of New York.
- 273. Bulletin of the Lowell Texile School, Lowell, Mass., November, 1906.
- 274. Total Values of Imports and Exports of the United States, November, 1906, Department of Commerce and Labor.
- 275. Statistics of Goods Imported and Exported by the Canal of Terneuzen, October, 1906, Chamber of Commerce of Ghent.
- 276. Annual Report American Association of Commerce and Trade, December, 1906.
- 277. The Harbors of California.
- 278. Annual Review of Foreign Commerce of the United States, year ending June 30, 1906, Department of Commerce and Labor.
- 279. Official Records, Union and Confederate Navies of the War of the Rebellion, Bureau of Library and Naval War Records.
- 280. Report of Operations of Fuel Testing Plant of the United States Geological Survey.
- 281. Committee Report of the Manila Chamber of Commerce, years 1889, 1900, 1903, 1904 and 1905.
- 282. Diplomatic and Consular Service of the United States, May 18, 1906.
- 283. Work of the Chamber During Visit of Hon. Secretary of War and Congressional Party, Manila Chamber of Commerce, August, 1906.
- 284. Report of the Twelfth Annual Meeting of the Lake Mohonk Conference on International Arbitration, 1906.
- 285. New Zealand Official Year Book, 1906.
- 286. Reconnaissance of Gold and Tin Deposits of the Southern Appalachians, United States Geological Survey.
- 287. Reconnaissance of the Matanuska Coal Field, Alaska, in 1905, United States Geological Survey.

288. The Exporter's Directory of Japan, 1906, Imperial Museum, Japan (12 copies).
289. First Biennial Report of the State Forester, State of California, July 12, 1905, to November 30, 1906.
290. Foreign Trade Figures, Philadelphia Commercial Museum.
291. Monthly Report Yokohama Chamber of Commerce, January, 1907.
292. Reports of Commissioners Lane and Harlan.
293. "The Inter-Nation," January, 1907 (2 copies).
294. Quarterly Bulletin Anglo-American Chamber of Commerce in Belgium, January, 1907.
295. Resumen de la Importacion de la Exportacion, October, 1906.
296. Boletin de Estadistica Fiscal, Segundo Semestre del ano Fiscal de 1904-1905.
297. Boletin de Estadistica Fiscal, Primer Semestre del ano Fiscal de 1904-1905.
298. Report of the Special Committee of Seven Bankers.
299. Auskunfts-Adrekbuch, 1907.
300. Report of the Debris Commission from November 1, 1904, to December 31, 1906.
301. Speech of Hon. Theodore P. Shonts, Chairman Isthmian Canal Commission, January 24, 1907.
302. Census of Manufacturers Bulletin No. 65, Department of Commerce and Labor.
303. Annual Report Boston Merchants' Association, January, 1907.
304. The Commercial Philippines in 1906, Department of Commerce and Labor.
305. Report of the Austria-Hungarian Handelskammer, in Paris, 1905.
306. Report of the Committee of Five.
307. Imports of Merchandise into the United States, Department of Commerce and Labor.
308. Manual of Topographical Methods, United States Geological Survey.
309. Results Primary Triangulation and Primary Traverse, fiscal year 1905-1906, United States Geological Survey.
310. Geographic Dictionary of Alaska, United States Geological Survey.
311. Bibliography and Index of North America Geology, Paleontology, Petrology and Mineralogy, United States Geological Survey, 1901 to 1906 inclusive.
312. The Yukon-Tanana Region, Alaska, United States Geological Survey.
313. Areas of the United States, the States and Territories, United States Geological Survey.

314. Rate of Recession of Niagara Falls, United States Geological Survey.
315. Monographs of the United States Geological Survey, Department of the Interior.
316. Report of the Director of the United States Mint, years 1905, 1906, Treasury Department.
317. Report Stockton Chamber of Commerce, 1906.
318. Boletín de Estadística Fiscal, July, 1906.
319. Twenty-fourth Annual Report New Orleans Board of Trade, year 1906.
320. Annual Report Wellington Harbour Board, for period ending September 30, 1906.
321. Bulletin de la Chambre de Agriculture, September, 1906.
322. Bulletin Boston Merchants' Association, January, February, March and April, 1907.
323. Wolves in Relation to Stock, Game and National Forest Reserves, United States Department of Agriculture.
324. Forest Products of the United States, 1905, Department of Agriculture.
325. The Chamber of Commerce Bulletin, April, 1907, Portland Chamber of Commerce.
326. Year Book for 1907, the Merchants' Association of New York.
327. Address by C. G. Smith, at the Thirty-fourth Annual Meeting International Association of Fire Engineers, October 9 to 12, 1906, at Dallas, Texas.
328. Fifth Annual Statement The California Promotion Committee.
329. Quarterly Bulletin The Anglo-American Chamber of Commerce in Belgium, April, 1907.
330. Exports of Manufactures from the United States and Their Distribution, 1800 to 1906, Department of Commerce and Labor.
331. Congressional Record Index, Fifty-ninth Congress, from February 11 to February 24, 1907.
332. Monthly Report of the Yokohama Chamber of Commerce, April, 1907.
333. Statistics of the Colony of New Zealand, 1905.
334. Harrisburg Board of Trade Journal, March, 1907.
335. Estimates of Population, 1904, 1905, and 1906, Department of Commerce and Labor.
336. Boletín de Estadística Fiscal, Agosto, 1906.
337. Forestry and Irrigation, August, 1905.
338. Statistical Register of New South Wales for 1905 and previous years.
339. The Nomenclature of Diseases and Causes of Death, Revised and Adopted in 1900 by the International Commission, The Commonwealth Statistician.

340. The Osaka Trade Journal, February and March, 1907.
341. Annual Report Yokohama Foreign Board of Trade, 1906, and Minutes of the Annual General Meeting, 1907.
342. The Canadian Industrial Blue Book, 1907.
343. Progressive Men of Northern Ohio, The Plain Dealer.
344. Commerce and Navigation of the United States, 1906, Department of Commerce and Labor.
345. Annual Report of the Boston Chamber of Commerce, 1906.
346. Building Code Recommended by the National Board of Fire Underwriters, 1907.
347. Annual Statistical Report of the New York Produce Exchange, 1906, with comparisons with the preceding years.
348. Statistical Abstract of the United States, 1906, Department of Commerce and Labor.
349. Bulletin of the Bureau of Labor, Wholesale Prices, 1890-1906, Department of Commerce and Labor.
350. Twentieth Annual Report of the Interstate Commerce Commission, 1906.
351. Annual Report Philadelphia Board of Trade, 1907.
352. The Port of Hull and its Facilities for Trade, Hull Incorporated Chamber of Commerce.
353. The Japanese in Korea, Extracts from the Korea Review, 1907.
354. Proceedings of the Convention of the National Rivers and Harbors Congress, December 6 and 7, 1906.
355. The Journal of Fire.
356. International Review, February, March and April, 1907, Bureau of Information, Tokyo, Japan.
357. Calendars of the House of Representatives, Fifty-ninth Congress.
358. Report of the Committee on Expenditures in the Department of Agriculture.
359. Monthly Magazine, The Incorporated Chamber of Commerce of Liverpool, March and April, 1907.
360. Hamburgs Handel in Jahre, 1906.
361. Advance Sheets from Monthly Summary of Commerce and Finance, March, 1907, Department of Commerce and Labor.
362. Exports of Domestic Breadstuffs, Meat and Dairy Products, Food Animals, Cotton and Mineral Oils, March, 1907, Department of Commerce and Labor.
363. Exports of Domestic Merchandise from the United States during years ending June 30, 1902-1906, Department of Commerce and Labor.
364. Imports of Merchandise into the United States during year ending June 30, 1906, Department of Commerce and Labor.

REPORT OF THE SPECIAL COMMITTEE OF THE
BOARD OF TRUSTEES OF THE CHAMBER OF
COMMERCE OF SAN FRANCISCO ON INSUR-
ANCE SETTLEMENTS INCIDENT TO THE
SAN FRANCISCO FIRE. APPROVED
AT A MEETING OF THE BOARD
OF TRUSTEES NOVEMBER
13, 1906.

San Francisco, November 13, 1906

To the Honorable President and Board of Trustees of the
Chamber of Commerce of San Francisco:

Sirs:

Your Committee appointed to investigate insurance settlements incident to the late conflagration respectively submits the report of Professor A. W. Whitney who was engaged to prepare the report under the general supervision of the Committee.

We have been peculiarly fortunate in having the assistance of such an able investigator, with technical experience in insurance matters, and we accordingly take this opportunity for expressing our appreciation of his untiring efforts and for thanking Mr. Benjamin Ide Wheeler, President of the University of California, through whose consideration it became possible for us to secure his services.

We have been fortunate too in having our trustee, Mr. Geo. E. Butler as a member of our Committee. His long experience and prominence in insurance circles have been of the greatest value in the investigation.

Thanks are also due to the Savings Banks which have given exact information as to the thousands of adjustments made on losses in which the banks were concerned; to Mr. E. Myron

Wolf, State Commissioner of Insurance; to the Press of San Francisco; to the representatives of many of the insurance companies who have for the most part received our inquiries with great courtesy; and in general to the many merchants and attorneys who have freely given desired information.

In preparation of this report we have kept in view its purposes as outlined in the original plan, to wit:

1. The moral effect upon the insurance companies involved once they knew that the Chamber of Commerce proposed to make a reliable report giving due credit to those companies which are fairly meeting their obligations.

2. Supplying information on application of our members relating to adjustments being made by companies with which said members might hold policies.

3. Sending general information to Commercial Organizations throughout the country relating to the insurance conditions in our city.

4. In the light of such information, venturing some suggestions that will tend to the betterment of the fire insurance business both for the insurer and the insured.

The appreciative expressions already received prompt us to believe that the first two purposes have been accomplished in a degree far beyond our expectations. It is hoped that the latter two purposes will be accomplished in the publication of Professor Whitney's report which is the result of most careful work on his part assisted by frequent conference with your Committee.

Yours respectfully,

CHAS. H. BENTLEY,

GEO. E. BUTLER,

GEO. D. GRAY,

Committee.

To the Special Insurance Committee of the Chamber of
Commerce of San Francisco:

Gentlemen:

I have the honor to submit to you the following report on
the Fire Insurance situation following the San Francisco
conflagration.

Yours respectfully,

ALBERT W. WHITNEY.

San Francisco, November 10, 1906.

THE EARTHQUAKE

The San Francisco earthquake occurred at about a quarter
past five o'clock on the morning of April 18, 1906. The shock
lasted about one minute. The seismographic record at the
Lick Observatory on Mt. Hamilton, fifty miles away, but in
a region where the disturbance was considerable, showed the
oscillations to have taken place in all directions with a maxi-
mum amplitude of about an inch.

Although the city of San Francisco was, because of its
size, the largest sufferer, the destructiveness of the earth-
quake was probably the greatest at Santa Rosa, fifty miles
north. San Jose and Stanford University were also severely
shaken.

The damage done by the earthquake in San Francisco de-
pended very largely upon the nature of the ground at the
point in question. The city may be divided into four dis-
tricts or sets of districts. There are, first, the rocky hills
and other more level land closely underlaid by rock. There
are, second, the intervening valleys where a natural deposit
has occurred. There is, third, a region where sand dunes
cover the rock to a depth of many feet. There is, fourth,
the filled ground along the shore line and along the courses
of old creeks; there are about 250 acres of this in the burnt
district, extending in its greatest width from the Ferry to
Sansome street, a distance of about half a mile. A large
part of the wholesale district lay in this fourth region.

The first region, characterized by rock-formations near the surface, suffered least from the shaking. The damage was confined mostly to the shaking to pieces of chimneys above the roof, the falling of some plaster and loosely attached architectural ornaments and the destruction, more or less complete, of some notably badly constructed buildings.

In the sand dune country, and in the valleys the damage was somewhat greater.

The damage on the made land, however, was much the most severe. Here there was not only a more destructive form of oscillation, but the settling of the land in some cases caused serious structural damage.

Just how severe the earthquake damage was in the business part of the city will never be exactly known because of the fire that immediately obliterated its effects. There was, however, a very general shaking to pieces of chimney-tops all over the city; in fact, throughout the whole region; there was to a much less extent general damage to plastering; in probably about one house in two or three was the damage to plastering so severe as to require repair. There were numerous cases of collapse of notably badly constructed buildings, old frame buildings with defective under pinning, brick buildings made with weak lime mortar and unwet bricks and unbonded stone-veneered buildings.

Some few spectacular examples of buildings of this character, such as the Valencia Street Hotel (a frame lodging house) and the City Hall (of stone and brick upon a steel frame), together with a certain amount of fallen cornices and scattering examples of walls partly fallen or cracked, constituted the main visible earthquake damage.

The structural damage was probably on the whole not large. In steel frame buildings it was almost nothing as for instance in the Call Building; in well built brick buildings it was almost nothing as for instance in the walls of the Palace Hotel which stand today as a mute example of what good brickwork can be; in well built frame buildings the structur-

al damage was nothing. The earthquake damage in San Francisco stands as a monument almost entirely too cheap, dishonest, and insincerely ostentatious construction.

Coming back, however, to actual conditions, it is undoubtedly true that the business of the city could have gone on with very little interruption if there had been no fire, as it did in fact in the unburned part of the city and in those buildings which, though in the burned district, were spared by the fire, such for example as the Mint, the post-office, the Appraiser's Store and the Montgomery Block. The earthquake damage in such unburned buildings was in general not severe.

REPORT OF THE NATIONAL BOARD OF FIRE UNDERWRITERS.

Mr. S. A. Reed, consulting engineer, in his report to the National Board of Fire Underwriters on the San Francisco conflagration, has the following to say concerning the extent of the earthquake damage:

“The actual damage, though appalling to those who experienced the shock, was not, as a general rule, structurally serious as far as appearance went. Apart from buildings having ponderous architectural attachments, particularly the City Hall, where the damage was great and spectacular, the apparent structural injury was mainly to tall chimneys, church towers and unbraced brick gables, copings and projections. Interior plastering, tiling and adhesively applied decorations were quite generally wrecked. House chimneys above roofs fell extensively. Actual collapses were mainly confined to flimsy, frame structures. Observation of the unburned Western Addition and also of photographs taken between the earthquake and the fire make it clear that San Francisco was far from being destroyed by the earthquake and that outside of small districts in the flats it was the exception that a building was rendered uninhabitable. The effect on fireproof buildings was especially import-

ant, as the steel frame type had never before been seriously tested in an earthquake. It may be said, generally speaking, that these buildings had no apparent structural injury. The steel frames appeared plumb and true, and contrary to the early account, neither the sides nor the floors had dropped out. Cracks appeared in many instances, especially X cracks in pilasters built around exterior columns. The early accounts, stating that side walls had dropped out, probably arose from the fact that there were several tall and conspicuous steel frames in course of construction which had not yet received their side walls. Furthermore at the City Hall a lofty architectural mass of cast iron and stone was grouped around a steel frame dome, and the fall of the general mass left the steel frame of the dome exposed. Non-apparent injury to steel frames and their exterior walls occurred to a considerable extent, due to straining. In wooden frame buildings it was noted that where each story was framed to that below unless diagonally braced the damage was greater than where the verticals were continuous, as in the balloon frame of less repute. In fact, immunity from effects of the earthquake seemed to be a characteristic of buildings having vertical continuity as distinguished from vertical discontinuity. In steel frames where each column is spliced to that below, column tiers are practically continuous. Buildings depending mainly upon gravity for their stability experienced the maximum injury. The ordinary brick wall has slight continuity apart from gravity aided by the bracing effects of beams, unless the brick is properly laid in cement and properly bonded and the walls of more than usual thickness. Such walls as the latter were rare in San Francisco. Still, even in the case of weak walls, the interior bracing reduced the structural damage where there was no actual ground displacement. There were, however, a large number of structural injuries, not apparent to the eye, but such as would have required expensive repairs had there been no fire."

THE FIRE.

The earthquake was followed by fires that broke out almost immediately at a number of points, in fact, there are said to have been as many as thirty of these, most of them in the region south of Market street. The city was supplied with water by three large pipes, each of which was broken where it crossed marshy ground outside the city. During the second and third days of the fire some water was made available in the western part of the city by repairs; this water was instrumental in checking the fire at Van Ness avenue.

The efficient head of the Fire Department, Chief Sullivan, to whose efforts had been largely due the freedom of San Francisco in the past from disastrous fires, was fatally injured by the falling of a chimney. It is a sad coincidence that in the Baltimore, the Toronto and the San Francisco conflagrations the Fire Chief was unable, through personal injury, to direct the work of the Department.

There was almost an entire absence of strong wind during the fire, so that ignition and combustion went on slowly and there was no occasion for the frantic efforts to escape that characterized the Chicago fire. The day of the earthquake itself was an ideal summer day. The contrast was most painful between the inferno in the city and the smiling serenity of nature across the bay. For three days a pillar of smoke stood over the city.

Some of the original fires were extinguished; the others coalesced during the first day. Many new fires originated, however, most of them by sparks or dynamiting, but some in the general confusion quite independently of the fires already started. Two of these independent fires spread and consumed many blocks of property in the heart of the city. One was the Hayes Valley or "Ham and Eggs" fire at Hayes and Gough streets on the morning of the 18th, said to have been started by a woman in getting breakfast. The other was the Alcazar Theater fire, said to have been started by the over-turning of a lamp by soldiers.

The water supply failing, dynamite was resorted to for blowing up buildings in the hope of thus stopping the progress of the fire. In some cases this was successful, but the dynamite being largely handled by those who were unfamiliar with its use, on the whole a little good was accomplished and in many cases the fire was actually spread by its use.

The fire was brought under control on the third day by a desperate stand at Van Ness avenue, a north and south street, 125 feet wide and about one and a half miles from the Ferry. The intelligent use of dynamite, a line of hose to the bay, some water from the mains, a favorable wind and a desperate hand to hand fight together made this successful, although at some points the fire crossed the avenue and burned a few blocks beyond.

The total area burned was about 3000 acres, or about 4.7 square miles, containing 520 blocks and about 25,000 buildings; about one-half of these were residences.

THE INSURANCE SITUATION.

The amount of insurance covering property in the burned district was approximately \$235,000,000 (estimated). All of this had been written by companies authorized to do business in the state, except about \$6,000,000 which had been placed outside of the state in some 100 companies. The value of buildings and contents destroyed in the fire must have been about \$350,000,000, basing an estimate upon the insurance liability, the known general ratio of insurance to value (about 70 per cent.) and a guess that there was about 5 per cent. of property that carried no insurance.

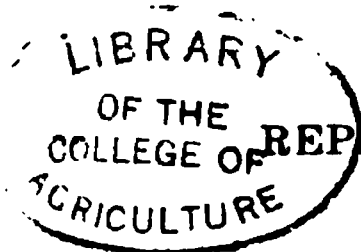
There follows a list of the authorized companies with their capital and surplus and their San Francisco premiums in 1905; membership in the Board of Fire Underwriters of the Pacific is also indicated. It was hoped that it would be possible to give the liabilities of the separate companies, but the data obtainable are not complete, and for that reason are not published.

DOMESTIC COMPANIES.

	Paid in Capital Dec. 31, 1905.	Surplus Dec. 31, 1905.	†S. F. Pre- miums 1905.
*Aetna, Hartford, Conn.....	\$4,000,000	\$7,036,011	\$44,789
*Agricultural, Watertown, N. Y....	500,000	857,262	16,343
*Alliance, Philadelphia, Pa.....	500,000	462,181	15,801
American, Boston, Mass.....	300,000	92,062	12,348
*American, Newark, N. J.....	600,000	2,430,459	18,962
*American Fire, Philadelphia, Pa....	500,000	253,891	27,559
*American Central, St. Louis, Mo....	1,000,000	1,431,518	19,881
*Assurance Co. of Amer., New York, N. Y.	400,000	228,988	.....
*Atlanta-Birmingham, Atlanta, Ga..	250,000	80,725	6,289
Austin Fire, Austin, Texas.....	318,975	57,791	4,337
*British-American, New York, N. Y.	200,000	118,727	3,013
Buffalo-German, Buffalo, N. Y.....	200,000	1,640,774	.....
*Caledonian-American, New York, N. Y.	200,000	91,778	8,836
*California, San Francisco, Cal.....	240,000	144,110	22,585
*Calumet, Chicago, Ill.....	200,000	255,441	13,824
*Citizens Fire, St. Louis, Mo.....	200,000	232,182	17,588
*Commercial Union Fire, New York, N. Y.	200,000	130,124	4,110
*Concordia Fire, Milwaukee, Wis....	200,000	234,958	6,345
*Connecticut Fire, Hartford, Conn..	1,000,000	1,729,173	34,197
Continental, New York, N. Y.....	1,000,000	8,424,225	33,936
*Delaware, Philadelphia, Pa.....	702,875	193,493	12,551
Dutchess, Poughkeepsie, N. Y.....	200,000	175,519	14,167
Eagle Fire, New York, N. Y.....	300,000	376,072	11,968
*Equitable Fire and Marine, Provi- dence, R. I.....	400,000	215,276	5,817
Federal, Jersey City, N. J.....	500,000	856,685	.....
*Fire Association, Philadelphia, Pa.	500,000	1,552,603	33,239
*Fireman's Fund, San Francisco, Cal.	1,000,000	2,718,144	91,363
*Franklin Fire, Philadelphia, Pa....	400,000	996,672	20,919
German, Freeport, Ill.....	200,000	1,952,065	52,802
German, Peoria, Ill.....	200,000	126,444	14,752
*German Alliance, New York, N. Y.	400,000	629,132	7,384
*German American, New York, N. Y.	1,500,000	6,442,675	44,589
Germania Fire, New York, N. Y....	1,000,000	2,889,660	46,552
German National, Chicago, Ill.....	200,000	154,347	15,706
Girard Fire and Marine, Philadel- phia, Pa.	300,000	697,864	13,747
Glens Falls, Glens Falls, N. Y.....	200,000	2,594,065	17,657
*Globe & Rutgers, New York, N. Y..	400,000	1,256,147	16,028
*Hanover Fire, New York, N. Y....	1,000,000	925,516	23,167
*Hartford Fire, Hartford, Conn.....	1,250,000	5,150,696	145,788
Home, New York, N. Y.....	3,000,000	8,720,501	39,779
*Home Fire and Marine, San Fran- cisco, Cal.	300,000	503,695	37,980

*Member of the Board of Fire Underwriters of the Pacific.

†Taken from Coast Review Chart.



	Paid in Capital Dec. 31, 1905.	Surplus Dec. 31, 1905.	†S. F. Pre- miums 1905.
*Indemnity Fire, New York, N. Y..	200,000	94,785	4,781
*Insurance Co. of No. America, Phil- adelphia, Pa.	3,000,000	3,604,807	53,399
*Mercantile Fire and Marine, Bos- ton, Mass.	400,000	101,793	13,020
*Michigan Fire and Marine, Detroit, Mich.	400,000	282,687	7,935
Milwaukee Mechanics, Milwaukee, Wis.	200,000	1,409,831	34,269
Nassau Fire, Brooklyn, N. Y.....	200,000	251,458	7,391
*National Fire, Hartford, Conn.....	1,000,000	2,314,305	42,446
National Union, Pittsburg, Pa.....	750,000	360,399	20,936
New Brunswick, New Brunswick, N. J.	200,000	144,522	.....
*New Hampshire Fire, Manchester, N. H.	1,000,000	1,254,267	8,928
New York Fire, New York, N. Y....	200,000	61,682	6,903
*Niagara Fire, New York, N. Y.....	500,000	1,810,455	33,126
*North German Fire, New York, N. Y.	200,000	93,806	11,627
North River, New York, N. Y.....	350,000	440,895	9,030
Northwestern Fire and Marine, Min- neapolis, Minn.	200,000	173,370	.....
Northwestern National, Milwaukee, Wis.	600,000	1,235,882	11,039
*Orient, Hartford, Conn.....	500,000	821,958	14,373
*Pennsylvania Fire, Philadelphia, Pa.	400,000	3,004,552	55,189
*Pelican, New York, N. Y.....	200,000	119,803	7,253
*Phenix, Brooklyn, N. Y.....	1,000,000	2,236,779	61,844
*Phoenix, Hartford, Conn.....	2,000,000	2,382,271	28,049
*Providence-Washington, Providence, R. I.	500,000	668,039	15,756
*Queen, New York, N. Y.....	1,000,000	2,722,650	24,054
*Queen City Fire, Sioux Falls, S. D..	300,000	37,385	1,992
*Rochester German, Rochester, N. Y.	200,000	493,216	10,701
Security Fire, New Haven, Conn....	500,000	385,129	6,151
*Security Fire, Baltimore, Md.....	200,000	61,006	7,817
*Springfield Fire and Marine, Spring- field, Mass.	2,000,000	2,024,000	26,160
*Spring Garden, Philadelphia, Pa....	400,000	290,485	9,519
*St. Paul Fire and Marine, St. Paul, Minn.	500,000	1,363,633	18,705
*Teutonia, New Orleans, La.....	250,000	136,624	5,315
*Traders, Chicago, Ill.....	500,000	1,376,031	58,096
*Union, Philadelphia, Pa.....	200,000	151,334	8,729
*United Firemen's, Philadelphia, Pa.	300,000	233,891	11,045
*Victoria Fire, New York, N. Y....	200,000	69,774	1,831
Westchester Fire, New York, N. Y.	300,000	1,678,128	17,573
Williamsburg City Fire, Brooklyn, N. Y.	250,000	1,492,093	15,862

*Member of the Board of Fire Underwriters of the Pacific.

†Taken from Coast Review Chart.

FOREIGN COMPANIES.

	†Surplus and paid in cap- ital Dec. 31, 1904.	San Francisco premiums, 1905.
*Aachen and Munich, Aix la Chapelle, Ger- many	\$ 2,370,284	\$49,421
*Alliance, London, England	8,984,275	43,749
*Atlas, London England	**3,509,710	39,792
*Austrian Phoenix, Vienna, Austria	1,456,087	30,558
*British-America, Toronto, Canada	**1,040,015	13,333
*Caledonian, Edinburgh, Scotland	**2,625,695	47,325
*Commercial Union, London, England	**12,250,000	49,002
*Hamburg-Bremen, Hamburg, Germany	**841,811	56,180
*Helvetia-Swiss . . . . .	. . . . .	. . . . .
*Law Union and Crown, London England	3,049,305	28,030
*Liverpool and London and Globe, Liver- pool, England	11,875,895	56,878
*London, London, England	7,670,720	87,719
*London and Lancashire, Liverpool, England	**8,776,170	68,558
*New Zealand, Auckland, N. Z.	††1,222,555	29,299
*North British and Mercantile, London England	16,160,288	44,569
*North German Fire, Hamburg, Germany	473,993	58,946
*Northern, London, England	**8,757,080	53,690
*Norwich Union Fire, Norwich, England	5,154,661	30,395
*Palatine, London, England	875,745	34,209
*Phoenix, London, England	6,463,795	53,830
*Prussian National, Stettin, Germany	1,399,005	17,934
*Rhine and Moselle, Strasburg, Germany	1,112,672	59,649
*Royal, Liverpool, England	**14,179,675	83,601
*Royal Exchange, London, England	7,240,505	56,529
*Scottish Union and National, Edinburgh, Scotland	3,292,395	21,916
*State Fire, Liverpool, England	900,405	15,491
*Sun, London, England	9,769,715	40,019
*Svea Fire, Gothenburg, Sweden	2,000,270	25,955
*Transatlantic Fire, Hamburg, Germany	647,750	73,947
*Union, London, England	3,089,190	42,302
*Western, Toronto, Canada	1,919,838	17,458

Representatives of these companies, except the Helvetia-Swiss, which was not involved, without respect to the question of whether Board or non-Board, met on April 21st in Oakland and formed an organization for facilitating adjustments and for securing uniformity of procedure. There were associated with these companies in the adjusting

**Statement as of Dec. 31, 1905.

††Statement as of Nov. 30, 1905.

†Taken from Best's Reports.

*Member of the Board of Fire Underwriters of the Pacific.

bureau also the following underwriting agencies: Colonial Underwriters, English-American Underwriters, European Underwriters, Individual Underwriters, New York Underwriters, Pacific Underwriters, Philadelphia Underwriters, Protector Underwriters, Scotch Underwriters, Western Underwriters, also the Camden, a reinsuring company, the Manchester, whose risks had been insured in the Atlas, and the Kings County, a company which had withdrawn from the state, but still had outstanding insurance. Meetings of this organization were held daily up to May 16th and almost as frequently thereafter for at least another month.

A general committee of fifteen on adjustments was appointed whose principal work was the assigning to subcommittees of three of losses on which six or more companies were involved. Losses on which there were less than six companies, were privately adjusted by the companies involved and did not come before the Bureau.

The situation that the companies had before them on the 21st of April was the most difficult in the whole history of fire insurance. In the first place the conflagration itself was the largest that there had ever been; secondly, it was not an ordinary conflagration but had been preceded by an earthquake for whose direct effects the companies were not liable and yet the evidence of which had been largely obliterated by the fire; third, as to some extent in all conflagrations or large fires but here particularly, there was a large destruction not only of policies but of records of all kinds among the insured; fourth, San Francisco being the city from which all the Pacific Coast business was managed, there was a large destruction of the records of the companies, some companies for instance, which sent no details to their home offices but whose accounts were audited here, losing their records in toto. These had to be reproduced as best they might from agents' and brokers' records and from maps in cases where these had fortunately been saved.

The situation would have been complicated enough if there had been relations between only the companies and

the insured, but there was in addition a vast mass of re-insurance not only among the companies directly involved but with other companies. Some of these foreign treaty companies soon after the fire united in publishing a letter to the reinsured companies warning them that the reinsurance companies would not follow them in their settlements beyond the point of strict liability. The most perplexing feature of the early situation was probably the fact that the companies were at a loss to know how much of their re-insurance they could collect.

The great desirability of arriving at some common method of procedure in the settlement of losses, particularly in the case of committee losses and in the case of losses in which there was reinsurance, was felt so strongly that the adjusting bureau was for many days concerned with finding a basis on which common adjustments might be carried on rather than in working out the details of the adjustments themselves.

The companies had naturally been in close communication with their home offices and in many or even most cases officials of the companies had visited the Coast themselves. It was then with an intimate knowledge of the situation that a meeting of some twenty or more of the companies most heavily involved was held in New York City on May 31st and an agreement was arrived at concerning general rules of procedure. The "New York Agreement" is as follows:

PREAMBLE AND RESOLUTIONS ADOPTED BY THE
MEETING OF AMERICAN COMPANIES HELD IN
NEW YORK, MAY 31, 1906.

WHEREAS, On the 18th of April, 1906, a great earthquake occurred in the city of San Francisco, California, which destroyed property to the value of millions of dollars, and was followed by a conflagration made unprecedented in extent and damage by conditions induced by and following said earthquake;

WHEREAS, The problems arising in connection with the settlement of such losses are complex and intricate to an extent never before equaled in the history of underwriting by reason of the following and other factors, namely:

(a)—The difficulty of clearly segregating losses for which companies are liable from those from which they are exempt;

(b)—The existence of many varying forms of policy contract;

(c)—The loss of essential records, both by insurance companies and by the assured;

WHEREAS, It is highly desirable that all losses for which insurance companies are legally liable should be promptly settled with equity and fairness to all concerned; and

WHEREAS, It is expedient that a statement as to the legal and moral liability of companies in regard to claims arising from the catastrophe at San Francisco should be made, the subjoined is adopted as a fair statement of such liability, suitable to be used as the basis for adjusting losses;

First.—Where policies covered buildings (and, or their contents), which had certainly fallen before the fire, or which had been so damaged as to void the insurance under the express terms of the contract, claims under such policies should not be paid.

Second.—Where policies covered buildings (and, or their contents), which may have been damaged or destroyed by the authorities, civil and, or military, subsequent to the conflagration, claims under such policies should not be paid, until the facts have been definitely ascertained.

Third—(a) Where policies covered buildings (and, or their contents), which were probably, but not certainly, so damaged by earthquake as to be brought under the provisions of the fallen building clause; or

(b) Where policies covered buildings (and, or their contents) which had suffered from shock of earthquake but not

to such an extent as to bring them within the provisions of the fallen building clause; or

(c) Where policies covered buildings (and, or their contents) which had been damaged or destroyed by the authorities, civil and, or military, before fire had reached them; or

(d) Where policies covered property whose owners, by reason of the destruction of their books and records, are unable to supply the proofs of value required by the conditions of their insurance policies, in all such cases, claims should be settled by a reasonable compromise.

Fourth—Where policies covered contents of buildings which are certainly not affected by the exemption conditions of the policy, claims under such policies should be paid, as soon as adjusted, subject to such deduction, if any, as may fairly be made on account of the salvage resulting from the removal of portable property from building before fire had reached them.

Resolved, That all the insurance companies interested in this disaster, both domestic and foreign, be, and they hereby are, cordially invited to unite in the carrying out of this plan of operations.

It had been evident from the first that there was an entire lack of unanimity regarding the place of compromise settlements. This had come to the surface as soon as the nature of committee adjustments had been considered. A minority of the companies had stood for complete adjustments, that is, showing not only sound value but the finally adjusted claim, the same to be binding upon the companies; a majority of the companies, however, would not here of this but insisted that it should be left to the companies individually to arrive with the insured at the amount of the adjusted claim, leaving, therefore, the matter of earthquake damage, both direct and indirect, to be appraised by each company separately. Finally a compromise was reached by which the sub-committees were to report upon sound value and loss, leaving the final adjustment to the companies themselves. This averted the disruption of the Bureau.

However, the same general difference in attitude again appeared in the discussion of the New York agreement. While there was a general acceptance of the agreement, there were those who felt that a step further might be taken. They said: "An earthquake started the fire; an earthquake, by breaking the water-mains, made it impossible to put the fire out. Neither of these contingencies was contemplated in the premium; furthermore, there was widespread earthquake damage whose exact effect has been obliterated by the fire; the insured, under these circumstances, should bear part of the loss. Let him then bear part of the loss and because of the uncertainty as to where there was and where there was not earthquake damage, let there be a general compromise at, say 75 per cent of the face value of the policy. In this way there will be immediate settlements and justice done in the aggregate." A vote was taken as to the sense of the companies upon the advisability of such a procedure, the vote being understood to be only an expression of opinion and not committing those voting to action one way or the other.

Next morning an account of this and the names of the companies voting on either side appeared in one of the San Francisco papers, in spite of the fact that this, as all other actions of this body, were taken in executive session. It may be said at this point that naturally no attempt would be made in this report to give an account of the deliberations of this body had not the matter been made public and thus, particularly in view of later developments, become an important part of the history of the situation.

The companies reported to have voted against this proposed horizontal cut are:

Aetna,
American Central,
Atlas,
California,
Citizens,
Connecticut,

Continental,
English-American Under-
writers,
Hartford,
Home,
Individual Underwriters,

Kings County,	Orient,
Liverpool & London & Globe,	Pelican,
London & Lancashire,	Phoenix of London,
London Assurance,	Queen,
Manchester,	Royal,
Mercantile,	Springfield,
New Hampshire,	State,
New York Underwriters,	St. Paul,
New Zealand,	Sun,
North British & Mercantile,	Teutonia,
Northern,	

The companies reported to have voted in favor of the horizontal cut are:

Aachen & Munich	Fireman's Fund,
Agricultural,	Franklin,
Alliance of Philadelphia,	German of Freeport,
American of Boston,	German of Peoria,
American of Newark,	German National,
American of Philadelphia,	Germania,
Atlanta-Birmingham,	Girard,
Austrian Phoenix,	Glens Falls,
British-America	Globe & Rutgers,
British-American,	Hamburg-Bremen,
Buffalo German,	Hanover,
Caledonian of Edinburgh,	Home Fire and Marine,
Caledonian-American,	Insurance Co. of North
Calumet,	America,
Camden,	Michigan
Colonial Underwriters,	Milwaukee Mechanics,
Concordia,	Nassau,
Delaware of Philadelphia,	National,
Dutchess	National Union,
Eagle,	New Brunswick,
Equitable,	New York,
Federal,	Niagara,
Fire Association of Phila-	North German of New York,
delphia,	North River,

Northwestern National,
 Pacific Underwriters,
 Pennsylvania,
 Phenix of Brooklyn,
 Philadelphia Underwriters,
 Providence-Washington,
 Prussian National,
 Queen City,
 Rochester German,
 Scotch Underwriters,
 Security of New Haven,

Security of Baltimore,
 Spring Garden,
 Svea,
 Traders,
 Transatlantic,
 Union of Philadelphia,
 United Firemen's,
 Victoria,
 Westchester,
 Western,
 Western Underwriters,

The companies reported to have been absent or excused from voting are:

Alliance of London,
 Assurance Co. of America,
 Austin of Texas,
 Commercial Union of
 London,
 Commercial Union of New
 York,
 European Underwriters,
 German Alliance,
 German American,
 Indemnity,
 Law Union and Crown,

North German of Hamburg,
 Northwestern Fire & Marine,
 Norwich Union,
 Palatine,
 Phoenix of Hartford,
 Protector Underwriters,
 Rhine & Moselle,
 Royal Exchange,
 Scottish Union & National,
 Union Assurance,
 Williamsburg City.

Within a few days five companies, which had voted for the horizontal cut, on advice from their home offices, announced their change to the other class.

These were:

Alliance of Philadelphia,
 American of Newark.
 Michigan,

Insurance Co. of North
 America,
 Niagara.

It is possible that if the discussion of the question had continued that some common principle of procedure might have been evolved, but the publicity that the vote had re-

ceived prevented this; those voting for the resolution were considered to have put themselves on final record as favoring a straight horizontal cut of 25 per cent; they were thereupon known as the "six-bit" companies. The companies voting against the resolution were immediately held in high esteem and called the "dollar for dollar" companies.

It had been evident from the first that there was a lack of harmony among the insurance companies, but this inadvertent publicity at this time had the effect of making any further attempts at reaching a common ground of action impossible. It drove closer together the companies in the first class. They did not withdraw from the adjusting bureau, but appointed a committee of five from their own number to complete the adjustments as they came from the committee of fifteen. As a matter of fact, some of the "thirty-five" companies individually reopened adjustments on such claims after they had come from the committee of five. The effect of this publicity upon the companies in the second class was, however, disrupting; each company proceeded to make adjustments and settlements in its own particular way.

A word may be said as to the composition of the two classes. The first class was largely made up of old, substantial companies with a reputation for honorable, straightforward methods. They had had large losses, but they had also large surpluses to cover their losses. There was every reason why such companies should proceed to settle their losses in the old recognized way, adjusting each loss upon its individual merits.

The second class, on the other hand, was less homogeneous. It included first some companies so "hard hit" as to be unable, at the time at least, to contemplate payment in full; second, some companies that were quite willing to take any opportunity to escape as easily as possible, and, third, some companies which sincerely enough thought the plan a fair one and favorable for the insured, and were at least willing to put themselves on record in favor of it on a test vote.

As a matter of fact, when it came to actual settlement some of the "six-bit" companies settled their claims quite as favorably as the "dollar for dollar" companies.

The difficulty of establishing claims where policies or the companies' records were destroyed, and particularly in the case where both were lost, was one of the elements of the early situation. Many of the companies did everything in their power to help the insured in this matter, others apparently tried to make as much trouble as possible. It was the same with the filing of proofs of loss. Some of the companies aided the insured by furnishing blank forms and by actual assistance in filling in the information; other companies, on the other hand, did everything to prevent the filing of proofs of loss. Proofs of loss were refused, were thrown into the faces of claimants without being opened and were even refused when sent by registered mail.

Reports of such gross incivilities very naturally found their way into the newspapers; as did likewise reports of many of the early settlements which as a matter of fact were much lower on the average than they were later, some of the companies which began paying early offering only forty and fifty per cent, while others definitely denied liability altogether. The result of this behavior by a part of the companies, followed as it was very soon by the "six-bit" split, led to a wave of popular indignation. The newspapers were largely responsible for this, but the blame for its inception unquestionably lies with those companies which began by using thoroughly disgraceful methods in dealing with their claimants.

Such a state of feeling between the insurers and the insured was most unfortunate. On the one hand the timid—poor people for the most part, whose insurance was all they had—were frightened in thousands of cases into settling their claims at a much lower figure than was right; on the other hand whatever natural instincts the insured may have had for telling the truth about their losses and for treating the representatives of the insurance companies as well meaning gentlemen received a hard shock.

There were undoubtedly many cases of fraud on the part of the insured; it is doubtful if on the other hand there has ever been an insurance situation in which there has been such disgraceful intimidation and discourtesy. Discourtesy was even recognized as worth a definite amount in salvage.

It cannot be said too emphatically, however, that this does not apply to all the companies, nor even to most of them. Apparently the trouble was principally due to adjusters from the outside who came prejudiced and impressed with the necessity of making drastic compromises. And this was quite natural after all. The early newspaper accounts of the calamity represented San Francisco as destroyed by an earthquake, the fire having simply burned the ruins. Nearly every person who came here from the East during the first few weeks came with this impression. It was weeks before a true understanding of the situation thoroughly affected the insurance companies, and some have not been affected yet.

The companies which are most to be praised are those which, using as nearly as possible the methods of ordinary times, made careful but fair adjustments. Such companies have no serious complaint to make of the insured, and difficult as the situation was, their experience proves that the attempt to adjust each loss on its merits was the only satisfactory method.

On their own initiative many of the companies published their willingness to have claimants clear their property and to extend the time for filing proofs of loss as well as to waive notice of loss. Following a suggestion of Governor Pardee, however, Mr. E. Myron Wolf, Insurance Commissioner of California, addresed a letter to each of the companies requesting a definite waiving of notice of loss and an extension of the time for filing proofs of loss to August 17th.

Eighty-eight companies granted this extension of time. The companies which did not grant the extension of time gave as their reason the fear that this action would invalidate their reinsurance. As a matter of fact no such difficulty ever materialized.

One of the laws passed at the special session of the legislature early in June was as follows:

An act to amend the Political Code by adding a new section thereto, to be numbered section five hundred and ninety-seven a, relating to statements to be furnished to the insurance commisisoner by insurance companies.

[Approved June 3, 1906.]

The people of the State of California, represented in senate and assembly, do enact as follows:

Section 1. A new section, to be known as section five hundred and ninety-seven a, is hereby added to the Political Code, to read as follows:

597a. The commissioner has power to, and whenever he deems necessary may, in writing, require any company engaged in insurance business in the State of California, to furnish the commisisoner, as of date, past or present, to be designated by the commissioner, a full and complete list of all its policies of insurance on property or risks located within that portion of the State of California included within the territory described by the commissioner, and which policies had not by the terms thereof expired on the date designated by the commissioner. Such list must show the number of the policy, the name in which the policy was issued, the amount for which it was issued, the nature and description of the property on which the policy was written or the nature of the risk assumed by the company, the location of the property and the residence of the insured, and the form or class of such policy as designated on the policy by the company. The commissioner shall require such list to be accompanied by the several forms of policies so designated and classified by the company, and the forms of riders, if any, attached to each particular form of policy. Any company which fails or neglects to furnish such lists and forms for the period of ten days from the date of the commissioner's request, shall forfeit its right to do business in this state, and the commissioner shall thereupon revoke,

in the manner provided in section six hundred of this code, the certificate previously granted such company to do business in this state, and said company shall also be liable to a penalty in the sum of two thousand dollars, for the payment of which penalty suits may be instituted by the commissioner in the name of the people of the State of California, in a court of competent jurisdiction, to recover such penalty or accumulated penalties. Said company shall be liable for said penalty or penalties upon the bond filed by said company, pursuant to section six hundred and twenty-three of the Political Code.

Sec. 2. This act shall take effect immediately.

Accordingly, Commissioner Wolf on June 7th sent a letter to the companies which had not agreed to the extension of the time for filing proofs of loss calling for a list of policies and policy holders. Some of these companies thereupon decided to extend the time for filing proofs of loss, while some sixteen filed lists of policy holders. The companies which neither granted an extension of time nor filed a list of policy holders were the following:

American of Boston	North German of New York,
American of Philadelphia,	Spring Garden,
Delaware,	Security of Baltimore,
Dutchess,	Traders,
New York,	Westchester.

Punitive action with regard to these companies is still in abeyance.

The first committee loss to be adjusted was reported back to the committee of fifteen early in June. It had been the intention of the Bureau to call a meeting of the companies concerned on each loss, at which the report would be read and explained and agreed to. This, however, turned out to be entirely impracticable, as the meetings were not attended. Thereupon reports were sent directly to the companies with the understanding that after one week payment might be demanded.

The Bureau practically finished its work in September.

On November 1st, 1140 claims had been adjusted, on which the sound value was \$128,059,023.38, the insurance \$88,018,123.61, and the visible salvage \$10,683,728.62, showing therefore a 68.7 per cent ratio of insurance to value and an 8.35 per cent salvage. There had been 1337 claims altogether; 175 of these had been cancelled; on November 1st, 22 claims were still unsettled.

The co-insurance clause was very little used in San Francisco. If it had been otherwise the loss to the companies would have been immensely larger. It is interesting to notice that while ordinarily the insured is too likely to look at co-insurance as entirely to the advantage of the insurer, here is a case where manifestly it would have been very greatly to the advantage of the insured.

On account of the great number of losses and on account of the lack of evidence in a great number of cases as to the nature and extent of the damage done, adjustments on the whole could not be made with as great care as usual. The companies generally insisted, following the New York agreement, upon a ten per cent reduction in the case of lack of books to prove the loss on stocks of merchandise, and in general this was thought to be reasonable, it being evident that a failure to prove a loss satisfactorily opened a proper field for compromise.

The matter of earthquake damage was handled by the companies in very different ways. Some of the companies counted the earthquake damage, if any, against the sound value along with depreciation. This seldom brought the claim below the face of the policy, particularly as there was very general under-insurance. Other companies, while making no claim for earthquake damage where no evidence existed, in case of proved earthquake damage settled by a compromise on the face of the policy, the reason for compromise being the possible voiding of the policy under the fallen building clause. Other companies claimed a general concession from each policyholder on account of general conditions. There was no serious attempt made in general to escape paying for damage done by dynamiting. The com-

panies which made large discounts could hardly have been said to have made adjustments; their process of settlement being nothing more in reality than the buying of policies.

There are some amusing stories of the result of this method of handling claims. One policyholder with a partial loss of only thirty per cent, when he tried to explain the matter, was not even listened to, but told that the company would pay no more than sixty per cent of the face of the policy, whatever the circumstances, and he was paid off at this rate and sent away.

SETTLEMENTS MADE BY THE COMPANIES.

The account of settlements made by the various companies, which is given hereafter, has a double purpose. There has been general interest throughout the country in the way in which the insurance companies were meeting the situation; to meet this demand it seemed only fair that some impartial account should be given, based on carefully collected information. Secondly, it will be a pity if the San Francisco conflagration passes out of remembrance without serving to point the way to some needed changes in fire insurance; first, in the actual conduct of the business by the companies themselves; second, in legislation, and third, in the attitude of the insured. The practically most important thing to know for this purpose is just what, in this crisis, the companies have done.

The account given herewith is based on the tabulation of some 10,000 settlements. Information concerning these has been furnished by the insured, partly upon blank forms distributed by the Chamber of Commerce and partly on coupons printed in the newspapers. Reports on a large number of settlements have been received from the Savings Banks. This information was supplemented in some cases by personal statements from the companies themselves, a circular letter having been sent to all the companies, inviting them to make statements if they so desired.

It was natural to suppose that claimants who would respond to solicitation of this kind would be mainly those who

had complaints to make and that the information would thus not fairly represent the facts. This did not appear to be the case. A large number of responses were from persons who not merely had no complaints to make, but took occasion to express their appreciation of the courtesy and fair dealing they had experienced; a woman, for instance, having to take her baby with her to an insurance office, was told that the business would be concluded at her home; others told of the pains that the companies had taken to help them prove their claims.

Nor were all the good things said of the companies that were paying their obligations in full. Some companies, while paying most of their large claims at a discount, paid some of their small claims in full to poor people who were suffering for the money. Another company, that has not made settlements in full, paid a widow with several children a policy that had clearly been forfeited.

In the following account of settlements no attempt has been made in general to go back of the actual bare facts. Behind the figures there are a thousand circumstances which have a bearing upon the case, but even if they were all known it would not be best to publish them. The companies have made their settlements and there the case must rest.

To tell of the brave facing of the situation by some companies, the payment uncomplainingly of large assessments by the stockholders, the suffering caused among the poorer holders of stock, the weakness of spirit, in the case of other companies, of those who could best afford to pay, would be nearly as difficult as to tell the story of the individual settlements among the insured.

Neither has any attempt been made to go back of adjustments. As a matter of fact some companies which paid their adjusted claims in full undoubtedly made very close and tricky adjustments. Furthermore, some companies which are credited with having paid their claims in full, less a cash discount, were unquestionably not above asking occasionally larger arbitrary discounts, but it has seemed im-

possible to express this fact with the requisite briefness without seeming to do injustice to their otherwise excellent records.

Payments at first, in general, were on far less favorable terms than later. This was not altogether unreasonable, since it was impossible to give the early claims as careful consideration as the later ones. The reason, however, is unfortunately much more easily explained by the fact that the first payments were largely to poor people who were in no position to insist upon anything better, while the same companies later, particularly on committee losses, found themselves unable to refuse more liberal payments.

A few of the companies paid their claims with no discount for cash; most of the companies, however, took a cash discount of one or usually two percent and sometimes more, if called upon to pay before the end of sixty days. Two percent was generally recognized to be, under the circumstances, entirely reasonable, and companies paying at this rate were held in practically as high esteem as those that paid in full at once. As a matter of fact, to pay a claim two months before it was due was worth all of two per cent; first, because of the difficulty of realizing quickly on securities, but secondly, quite as much because it often happened that during the sixty days additional evidence was obtained upon the claim.

In the following list percentages usually refer to claims adjusted; in case of large discounts, however, the percentages refer to the face of the policies.

Payments were not due till sixty days after adjustments; payments "in full" or "in full with a cash discount," mean immediate payments, it being understood that in these cases the claim would have been paid in full on maturity.

In some cases figures have been given that have been submitted by the companies. These, however, because of the fact that they have not been made up by the companies in any uniform way do not seem very valuable for comparison.

No attempt has been made to include in this list other companies than those represented in the adjusting bureau,

and as a matter of fact several of the Underwriting Agencies, for lack of information, are not reported upon. Nor are reinsurance settlements explicitly considered. Many of the companies which did not pay their direct claims in full paid their reinsurance claims in full, and very properly, the average of all their settlements is thus larger than the average of their direct settlements.

The list follows:

Aachen & Munich, settled most of its claims at 75 per cent, but paid 80 to 90 per cent on many claims, particularly committee-losses.

Aetna, settled its claims at 100 per cent.

Agricultural, began by discounting at 75 per cent, but later paid mostly in full, less 2 per cent for cash.

Alliance of Philadelphia, paid its claims in full, less 2 per cent for cash.

Alliance of London, same policy and settlements as Commercial Union

American of Boston, settled its claims at 40 per cent.

American of Newark, began by discounting, but later paid in full, less 2 per cent for cash.

American Central, paid mostly in full, with from 2 to 5 per cent discount for cash.

American of Philadelphia, settled its claims at 50 per cent.

Assurance Company of America, settled its claims in general at 75 per cent.

Atlanta-Birmingham. The representatives of this company left the state in May. Nothing has been paid up to the present time, although offers of 25 per cent cash and 15 per cent in notes have been recently received.

Atlas, settled its claims in full, and less 1 and 2 per cent for cash.

Austin Fire, settled its claims at from 65 to 85 per cent, largely at about 75.

Austrian Phoenix, denied liability and withdrew from the state, having paid no claims.

British America of Toronto, paid some claims at 85 and 90

per cent, but largely at one-third cash, one-third in 6 months, one-third in 12 months.

British American of New York, same settlements as the British America.

Buffalo German, settled its claims in general at from 75 to 90 per cent.

Caledonian of Edinburgh, settled claims at from 75 per cent up to 98 per cent, but largely at about 90 per cent.

Caledonian-American, same settlements as Caledonian of Edinburgh.

California, settled its claims at 100 per cent.

Calumet. Certain stockholders subscribed special fund of \$500,000 upon the agreement of a majority of the claimants to accept this settlement, releasing thereby the plant and already existing assets of the company from further claims. The surplus to policyholders at the time was \$375,000.

Camden, involved in San Francisco conflagration only as a reinsurer.

Citizens, settled its claims in full, less 2 per cent for cash.

Colonial Underwriters, same settlements as National of Hartford.

Commercial Union of London, policy contains earthquake clause. Settled its claims at 50 and 75 per cent, according to location. Paid claims of \$500 or less in full and at least \$500 on claims of \$500 or more.

Commercial Union of New York, same policy and same settlements as Commercial Union of London.

Concordia, settled its claims at 75 to 90 per cent.

Connecticut, settled its claims in full, and less 1 and 2 per cent for cash.

Continental, settled its claims at 100 per cent.

Delaware, settled its claims at from 60 to 80 per cent, largely at 75 per cent.

Dutchess, settled its claims at 30 per cent.

Eagle, settled its claims mostly at 75 per cent.

English-American Underwriters, same settlements as the London and Lancashire.

Equitable, involved in the San Francisco conflagration only as a reinsurer.

Federal, settled its claims at from 85 per cent up, but largely above 90 per cent.

Fire Association of Philadelphia, settled its claims at from 75 to 95 per cent; its early claims largely at 75 per cent, its later claims largely at 90 per cent.

Fireman's Fund, has paid 20 per cent on claims; has offered to pay 30 per cent more in cash and remaining 50 per cent in stock of company. Claimants have generally accepted this offer.

Franklin, settled claims at from 75 per cent up, largely at about 90 per cent.

*German. of Freeport, settled its claims mostly at 60 per cent.

German of Peoria, settled its claims at 50 per cent.

German Alliance, policy contained earthquake clause, which was not taken advantage of. Settled its claims in full, less 2 per cent for cash.

German American, policy contained earthquake clause, which was not taken advantage of. Settled its claims mostly in full, less 2 per cent for cash.

*German National, settled its claims at 60 per cent.

Germania, settled its claims at from 75 to 95 per cent. largely at about 85 per cent.

Girard, settled its claims at from 75 to 90 per cent, mostly at 75 and 80 per cent.

Glens Falls, settled its claims at from 90 per cent up, but mostly in full, less 2 per cent for cash.

Globe & Rutgers, settled its claims mostly at 75 per cent; a few at 90 per cent.

Hamburg-Bremen, settled its claims at 75 per cent.

Hanover, settled its claims at 75 per cent up, largely at about 90 per cent.

Hartford, settled its claims in full, less 2 per cent for cash.

Home, settled its claims in full, and less 1 and 2 per cent for cash.

*Later: in the hands of a receiver.

Home Fire and Marine, same settlements as Fireman's Fund.
Indemnity, same policy and settlements as Norwich Union.
Insurance Company of North America, settled its claims in full, and less 2 per cent for cash.

Kings County, involved in San Francisco conflagration only as a reinsurer.

Law Union & Crown, settled its claims in full, less 2 per cent for cash.

Liverpool & London & Globe, settled its claims at 100 per cent.

London & Lancashire, began by paying its small claims in full, less 2 per cent for cash; in June dropped to payments of largely about 90 per cent, coming back finally to 98 and 100 per cent. The Company states that its payments have averaged about 93 per cent of the amount of its claims.

London Assurance Corporation, settled its claims in full, less 2 per cent for cash.

Manchester, settled its claims in full, less 2 per cent for cash; all policies had been reinsured in the Atlas.

Mercantile Fire & Marine, settled its claims mostly in full, less 2 to 5 per cent for cash.

Michigan Fire & Marine, settled its claims in full, less 2 per cent for cash.

Milwaukee Mechanics, settled its claims at 70 per cent, having taken advantage of the Wisconsin Safety Fund Law.

Nassau, settled its claims at from 70 to 90 per cent, mostly at 75 per cent.

National of Hartford, began by discounting at 75 per cent, later settled nearly all its claims at upwards of 90 per cent. The company states that its payments have averaged 94 per cent of the face of the policy.

National Union, settled its claims at 75 per cent up, largely at about 90 per cent.

New Brunswick, settled its claims largely at about 75 per cent.

New Hampshire, policy contained earthquake clause, which

was not taken advantage of. Settled its claims in full, and less 1 per cent for cash.

New York, settled its claims at 40 per cent.

New York Underwriters, same settlements as the Hartford.

New Zealand, settled its claims in full, less 2 per cent for cash. About one-fifth of the entire number of outstanding policies contained an earthquake clause; company settled such claims at from 75 to 90 per cent.

Niagara, settled its claims in full, less 2 per cent for cash.

North British & Mercantile, settled its claims in full, less 2 per cent for cash.

North German of New York, has paid nothing; company in the hands of a receiver.

North German of Hamburg, company has denied liability and retired from the state, having paid no claims.

North River, settled its claims mostly at 75 per cent; in a few cases at 90 per cent.

Northern of London, settled its claims in full, less 1 per cent for cash.

Northwestern Fire & Marine, settled its claims in general at from 75 to 85 per cent.

Northwestern National, settled its claims largely in full, less 2 per cent for cash.

Norwich Union, policy contains earthquake clause. Settled its claims at 50 and 75 per cent, according to location. Claims of \$500 or less paid in full, and at least \$500 on claims of \$500 or over.

Orient, same settlements as London & Lancashire.

Pacific Underwriters, same settlements as Fireman's Fund.

Palatine, same policy and settlements as Commercial Union.

Pelican, settled its claims in full, less 2 to 5 per cent for cash.

Pennsylvania, settled its claims in full, less from 2 to 5 per cent for cash.

Phenix of Brooklyn, began by discounting claims at 75 per cent; later settled claims in general at from 85 per cent up to 100 per cent; data furnished by the company indicate that about 75 per cent of the company's liability

will have been settled at an average of 98 per cent of the amount of the claims.

Philadelphia Underwriters, settled its claims at from 90 per cent up.

Phoenix of Hartford, policy contained an earthquake clause, which led to settlement of early claims at 75 per cent. The bulk of its claims were, however, settled without reference to the earthquake clause, mostly in full, less 2 per cent for cash.

Phoenix of London, settled its claims in full, and less 2 per cent for cash.

Protector Underwriters, same policy and settlements as Phoenix of Hartford.

Providence-Washington, settled its claims in general at from 90 per cent up, but largely in full, less 2 to 5 per cent for cash.

Prussian National, settled its claims at 75 per cent.

Queen, settled its claims at 100 per cent.

Queen City, began by settling claims at 75 per cent; later settled claims in full, giving notes in some cases; the company states that payments on earlier claims have been brought up to the same standard.

Rhine & Moselle, policy contains earthquake clause. Denied liability and withdrew from the state. Claims of \$500 or less have been paid at 50 per cent.

Rochester-German, settled its claims largely at from 90 per cent up.

Royal, settled its claims at 100 per cent.

Royal Exchange, settled its claims at from 75 per cent up, but largely at 85 to 95 per cent.

Scotch Underwriters, same settlements as Caledonian.

Scottish Union & National, settled its claims in full, less 2 per cent for cash.

Security of New Haven, settled its claims largely in full, less from 2 to 5 per cent for cash.

Security of Baltimore, in the hands of a receiver.

Springfield, settled its claims in full, and less 1 per cent for cash.

Spring Garden, settled its claims in general at 70 per cent. State of Liverpool, settled its claims mostly in full, less from 2 to 5 per cent for cash.

St. Paul Fire & Marine, settled its claims mostly in full, less from 2 to 5 per cent for cash.

Sun, settled its claims in full, less 2 per cent for cash.

Svea, settled its claims at from 75 per cent up.

Teutonia, settled its claims in full, less 2 to 5 per cent for cash.

Traders, in the hands of a receiver.

Transatlantic denied liability and withdrew from the state; no claims paid.

Union of Philadelphia, involved in the San Francisco conflagration only as a reinsurer.

Union Assurance, settled its claims in full, less 2 per cent for cash.

United Firemen's, settled its claims at from 75 per cent up, but in general at about 90 per cent.

Victoria, settled its claims in full, less 2 per cent.

Westchester, settled some claims at 75 and 80 per cent, but later paid largely in full, less from 2 to 5 per cent for cash.

Western of Toronto, same settlements as British America.

Williamsburg City, most of its policies contain earthquake clause. Settled claims on these at 50 to 75 per cent, according to location. On such policies paid claims of \$500 or less in full and at least \$500 on claims of \$500 or more. Settled claims on policies that did not contain earthquake clause largely at 95 per cent.

THE SAN FRANCISCO COMPANIES.

There are two classes of companies which may be given special attention; one, the San Francisco companies, the other, the so-called earthquake companies. The San Francisco companies suffered triply. In the first place, in their own home city they naturally had a particularly large amount at risk; secondly, their San Francisco securities were adversely affected; third, their stockholders were

largely sufferers by the fire and thereby lost to that extent the ability to come to their rescue. There were but three of these companies, the Fireman's Fund, the Home Fire and Marine, owned by the Fireman's Fund, and the California.

The California was a new company, less than a year old. Its losses were several times its capital and surplus. In starting the company the stockholders had paid at the rate of \$65 per share; after the fire they assessed themselves \$240 per share, therefore nearly four times the value of their stock, paid their losses out of this fund in full, leaving the original capital and surplus intact.

The Fireman's Fund found itself in a very serious position. It not only had a large liability of its own, but also a large liability through its agency, the Pacific Underwriters, and through its ownership of the Home Fire and Marine. It seemed at first as though the company would be able to meet its obligations and, while thinking itself to be able to do so, a new company, the Fireman's Fund Corporation, was organized in which the business of the old company was reinsured. This was done to save its plant in case of a possible stampede and to set free a part of its reinsurance reserve for the payment of losses. The situation became steadily darker, however, until it became apparent that the company's assets were not more than fifty or sixty per cent of its liabilities. The plant of the Home Fire and Marine was thereupon abandoned, the Fireman's Fund, as owner, becoming responsible for its liabilities. The Home Fire and Marine being known to be insolvent, no attempt was made to reinsure its outstanding risks.

A material element of the situation was the remarkable degree to which the Fireman's Fund possessed the confidence and, as a matter of fact, the loyalty of the people of San Francisco, and it found in this critical situation a great forbearance and a sincere belief in the desire of the company to do what was right. The plan that was evolved is a novel one. The plan, and it has been accepted by nearly all the claimants, provides for the payment of 50 per cent in cash and 50 per cent in stock of the company; the old stock-

holders have been assessed \$300 per share; this should provide a fund sufficient to set the company upon its feet and to place \$100 behind every \$500 of the new stock issued to claimants; that is, the stock, while it represents actually only \$100 of money subscribed, is issued to the claimants at \$500. It is planned to merge the new Firemen's Fund Corporation with its capital of \$1,000,000 into the old company. The issuance of the stock at this anticipated valuation is, of course, equivalent to deferred payment, since under the best of circumstances it will doubtless be some years before the value of the stock, together with the dividends paid, are the equivalent of the nominal valuation. A syndicate has been formed, entirely independent of the company itself, to take the stock of those who desire to dispose of it.

EARTHQUAKE CLAUSES.

The so-called "earthquake clauses" found in the policies used in San Francisco are as follows:

(1) "This Company shall not be liable for loss caused directly or indirectly by invasion, insurrection, riot, civil war or commotion, or military or usurped power, or by order of any civil authority; or for loss or damage occasioned by or through any volcano, earthquake, or hurricane, or other eruption, convulsion, or disturbance; or by theft; or by neglect of the insured to use all reasonable means to save and preserve the property at and after a fire or when the property is endangered by fire in neighboring premises; or (unless fire ensues, and, in that event, for the damage by fire only) by explosion of any kind, or lightning; but liability for direct damage by lightning may be assumed by specific agreement hereon."

(2) "This Company shall not be liable for loss caused directly or indirectly by invasion, earthquake, insurrection, riot, civil war or commotion, or military or usurped power, or by order of any civil authority; or by theft; or by neglect of the insured to use all reasonable means to save and preserve the property at and after a fire or when the property

is endangered by fire in neighboring premises; or (unless fire ensues, and, in that event, for the damage by fire only) by explosion of any kind, or lightning; but liability for direct damage by lightning may be assumed by specific agreement hereon."

(3) "This Company shall not be liable for loss caused directly or indirectly by invasion, insurrection, riot, civil war or commotion, or military or usurped power, or by order of any civil authority or for any loss or damage occasioned by earthquakes, hurricanes or volcanic eruptions, or from the burning of forests or the clearing of lands; or by theft; or by neglect of the insured to use all reasonable means to save and preserve the property at and after a fire or when the property is endangered by fire in neighboring premises; or (unless fire ensues, and, in that event, for the damage by fire only) by explosion of any kind."

(4) (On the face of the policy) "—— does insure —— against all direct loss or damage by fire, except caused directly or indirectly by invasion, earthquake, insurrection, riot, civil war or commotion, or military or usurped power, or by order of any civil authority, and except as hereinafter provided."

Any one of these clauses evidently made the liability of the company questionable. There was, besides these clauses, a clause which in various forms contained a reference to earthquake, but instead of tending to release the insurer its effect is apparently to fix the responsibility more definitely. This is (all the forms being much alike):

(5) "This company shall not be liable for loss caused directly or indirectly by invasion, insurrection, riot, labor strike, civil war, or commotion, or military or usurped power, or by order of any civil authority, to prevent the spread of fire, whether such order be legal or not, nor in consequence of any neglect of, or deviation from police or municipal laws, rules or ordinances where such exist; or by theft at or after a fire; or by neglect of the insured to use all reasonable means to save and preserve the property

at and after a fire or when the property is endangered by fire in neighboring premises, or (unless fire ensues, and, in that event, for the damage by fire only) by explosion of any kind or from any cause, or the bursting of a boiler, or earthquake, or hurricane, or lightning; but liability for direct damage by lightning may be assumed by specific agreement hereon."

The fallen building clause, which in one form or another, is contained in all policies, is given herewith:

(6) "If a building or any part thereof fall, except as the result of fire, all insurance by this Policy on such building or its contents shall immediately cease."

In some cases this clause legitimately released the company from liability and in other cases it was the basis of compromise.

It may be interesting in this connection to quote the earthquake clause used in Valparaiso by some of the companies having an earthquake clause in their San Francisco policies.

(7) "This policy does not cover loss or damage by fire occasioned by or happening through or during the existence of any earthquake, hurricane or volcanic eruption unless proof be made to the satisfaction of the Company that such loss or damage was not occasioned by, through, or connected with, but occurred from a cause or causes independent of any such contingency."

THE "EARTHQUAKE CLAUSE" COMPANIES.

The companies whose policies contained an earthquake clause are given herewith and the particular clause used is referred to by number as given above:

Indemnity,	}	(1)
Norwich Union,		
Providence-Washington		
(20 policies)		
Williamsburg City,		

Alliance of London,
 Commercial Union of
 London,
 Commercial Union of New
 York,
 Palatine,

(2)

A few building policies contain (4).

Rhine and Moselle, clause same as (2) as regards reference to earthquake.

New Zealand (300 old policies (2); company adopted New York Standard form two years ago).

German Alliance,
 German American,
 New Hampshire,
 Phoenix of Hartford,

(3)

One group of companies whose policies contained an earthquake clause, the German Alliance, German American, New Hampshire and Phoenix of Hartford waived the clause altogether.

The policies of the North German of Hamburg and the North German of New York both contain clause number 5. In spite of the fact that the clause apparently distinctly limits the liability of the company so as to include damage by fire resulting from earthquake, the North German of Hamburg has based a denial of liability upon this clause.

The Williamsburg City at first denied liability altogether. The Alliance, Commercial Union of London, Commercial Union of New York, Indemnity, Norwich Union and Palatine neither affirmed nor denied liability. They, with the Williamsburg City, were advised by counsel that they were not liable to their policyholders and that their stockholders could hold them legally responsible for any payments except in the case of compromise; they were advised that a basis for compromise could be found in the uncertainty attendant upon all litigation, in the expense that would accompany suits and in the disturbance of their business relations, both in this state and abroad. Engineers had been employed to make a survey of the city; on the basis of this an arbitrary line was drawn so as to include all build-

ings supposed to have been destroyed by fires caused directly by the earthquake. In this region the companies compromised claims at 50 per cent. The destruction of buildings in the remaining district, although acknowledged not to have been due entirely to fires caused directly by the earthquake, is claimed to have been due indirectly to the earthquake by the breaking of the water mains. In this region the companies compromised claims at 75 per cent.

ORGANIZATION OF POLICYHOLDERS.

Many organizations were formed, mostly private, for the purpose of facilitating the collection of insurance. These were concerned mostly with bringing suits in this country and abroad against the companies which denied liability. Representatives of these organizations are now in Germany. The companies which denied liability are the Austrian Phoenix, the North German of Hamburg, the Rhine & Moselle and the Transatlantic.

One organization in particular deserves notice. This, the Policy Holders' League, was formed late in June at a mass-meeting called by the commercial bodies of San Francisco. The organization was of a public character, membership being open to anyone. The league had the backing of the best, most conservative business men of San Francisco. Its purpose was a broad and generous one, to promote in all ways possible the best interests of the insured of San Francisco. In particular it was planned to make collections at actual cost. The league was organized too late, however, to be of any great service in this respect, and this feature was abandoned. The league has continued though to act publicly in an advisory capacity, for instance, with regard to the Fireman's Fund and Calumet settlements.

WHAT THE EARTHQUAKE AND FIRE HAVE TAUGHT.

There are many lessons to be learned from the earthquake and conflagration. In the first place it has been demonstrated that thoroughly well constructed buildings on a

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good foundation are not materially damaged by such earthquake shocks as that of April 18th. There is a great mass of evidence upon the effects of fire and earthquake upon various building materials and types of construction, there is no evidence at all upon the use of water in fighting conflagrations, there is a large amount of evidence upon the use of dynamite in stopping fire, there is nothing to be learned with regard to the niceties of adjusting, there is much evidence of the evils of the reinsurance system as used in San Francisco, there is much to be learned with regard to the organization and handling of a situation of this kind on the side of both the insurers and insured.

We owe to the conflagration the fact, that the status of the reinsurance reserve in the case of insolvent companies has been brought into question and that we are likely to have judicial decisions thereupon, that we are more definitely to ascertain the position that foreign insurance companies may occupy in our country and that thereto we are to test the standing of the insured in foreign courts, that we are to have judicial decisions as to liability under the earthquake clause.

The lesson that the insured will take most to heart is that insurance will not take care of itself, nor will his broker take care of it for him without some watching. The insurance interests of a business house are immensely important and should be looked after by a trained person. The conflagration has shown, as has the recent life insurance investigation, the need of popular education in insurance.

THE CONFLAGRATION HAZARD.

It did not need this fire to call to the attention of insurance men the importance of the subject of the conflagration hazard; it was a vital question already, in fact, it had been only a few months before that an elaborate report on the conflagration hazard of San Francisco had been issued by the National Board of Fire Underwriters, being one of a series on the large cities of the country. But to the insured

the conflagration hazard was a very vague idea, not definite enough to prevent him from grumbling at paying premiums that were larger than what were needed barely to pay ordinary losses. It seems an opportune time to discuss the subject of the conflagration hazard—what the companies may reasonably do, and what the insured may do to safeguard his rights.

The rate in fire insurance is designed to cover, first, the fire hazard; second, the expense of doing the business, and third, the profit. The fire hazard is of two kinds, first, the hazard of ordinary fires in which one or a few buildings are burned; second, the conflagration hazard. The two things are practically distinct in spite of the difficulty of drawing the line between them. If the conflagration hazard were eliminated not only would a large part of the premium be cut out, but the business of fire insurance would be one of great steadiness. For with a multitude of risks the fluctuations would be relatively small and would be due mainly to general conditions that affect all business in much the same way. It would then be unnecessary for companies to hold large surpluses. Such for instance would be the condition of a company which wrote business only in the country.

In spite of the fact that fire insurance is usually a private enterprise, there is no more fundamental fact than that the companies stand simply as agents of the insured. That is, instead of the company insuring its policyholders, the policyholders really insure each other and the company simply manages the details of the transaction. In insurance there are no values created, they are only distributed, and whatever the company distributes must be collected.

There could be no insurance if there were not a large number of the insured. There must be a large enough number of the insured to furnish an average that will be free from large fluctuations year by year. For ordinary fires this may be obtained in a small section of the country and even in a single city. For instance, if there were no danger of sweeping fires a company might very safely write business in San Francisco alone.

So much for the ordinary hazard, but the conflagration hazard is of an entirely different character. Here the inhabitants of no one city could constitute the insurers, for a conflagration might sweep them all down. The insurers must be taken to be the inhabitants of many cities, as many in fact as can be found for which the conflagration hazard is nearly the same. But still the average is not obtained, for even in all the large cities of the country together, conflagrations do not occur in any regular way year by year. It is necessary, therefore, to take not any one year, but a long series of years in order to obtain the necessary average without which there can be no real insurance. But even then the average is far from stable; the San Francisco conflagration in three days did more damage than all the other large conflagrations in this country for the last forty years. The only conclusion then is that it is impossible to have any such perfect insurance against conflagrations as against ordinary fires. Insurance is a wonderful institution, but there are limitations to its usefulness.

These considerations have a practical bearing. The part of the premium that is collected to meet the hazard of ordinary fires is expended during the year, the year being in general sufficient to furnish an average, the company being required to hold as a liability the part of the premium that is still unearned. The part of the premium, however, that is designed to meet the conflagration hazard will not in general be expended during a single year, but must be kept perhaps for many years till the occasion arises for its use. This fund is called the surplus, but very unfortunately; it should be called the conflagration reserve and should be treated as a liability, just as is the reinsurance reserve. Surplus is something "over;" this is not "over," it is held for a definite purpose and hence is a strict liability. This is not a quibble over names, it is an attempt to demonstrate the accountability of a company as regards its surplus, the surplus being in reality contributions of the policyholders against conflagration.

Admitted then to be a liability; what should be its amount? There are two methods conceivable for its determination, the retrospective and the prospective method, just as in life insurance. The retrospective method analyzes the premiums into a charge for ordinary fires and a charge for conflagrations; this would be very good in order to ascertain what the annual increase of the surplus should be. But the prospective method gives the real criterion of its size. The "average" failing to exist in any reasonable time, the size of the conflagration reserve cannot be based upon what is necessary to meet the "average" conflagration, but instead must be based on what is necessary reasonably to meet a "worst" conflagration, that is, the size of the required surplus shall be determined by the amount of the aggregate risks that are exposed to a single conflagration.

To summarize, then, surplus should be treated as a liability and its amount determined by a reference to the aggregate risks exposed to a single conflagration. A company's business then in a single city must be limited not necessarily to exactly the amount of its surplus, for practically there is not enough insurance to be had to make this possible, but it should have some definite ratio to its surplus. But how is a new company to get a surplus? In either of two ways, start small and grow big, or else put up the surplus in the beginning. And here is the function of the stock company rather than the mutual company. The insurance principle proper breaks down when it comes to dealing with the conflagration hazard and requires a boost from something else, namely, private capital that is willing to assume risk for the sake of gain. Pure insurance, only where there is a proper average, may be entirely mutual as life insurance and fire insurance in the case of well scattered risks.

A new company then which desires to write business exposed to a conflagration hazard must put up a surplus. As the business develops and the surplus grows the company may take on a growing amount of city business. If the company should desire to write less city business at any time or to retire altogether, part or all of the surplus would

be freed from its character as a liability and would be at the disposal of the company.

The result arrived at is no strange thing. It is nothing but what has occurred to every thoughtful person who has known the insurance situation following a conflagration. It is simply an insistence upon some commensurateness between the resources of a company and the amount at risk in a region subject to a single conflagration, an attempt therefore to prevent companies with a capital and surplus of \$250,000 but with an energetic agent, from assuming the the conflagration risk that belongs to a company of ten times that size; namely, in this case the companies that are now able to pay only 30 to 60 per cent. Notice in the table the great range in value of the ratio of premium income to available assets.

You may say, leave such companies to perish of their own egregious intemperateness; that would do very well if it were the company only that suffered, but the greatest sufferers are the policyholders. There is, to be sure, the eventual action of the law of the survival of the fit, and if insurers were intelligent enough and well-informed enough this would be better than legislation.

Before you go into a theater it would be well if you were able yourself to examine into the safety of the building; since that is out of the question the next best thing is a building law.

It is almost equally difficult personally to know the fitness of an insurance company to assume a risk. In view of the impracticability of doing this, the next best thing is a law regarding liability. There is a law regarding liability for the unearned current premium; there ought to be a law regarding liability for unearned conflagration accumulations.

Now it is only fair when funds to meet a potential liability have been provided in a prescribed manner that this measure of the potential liability should be taken after the loss has occurred as a measure of the actual liability. That is, if a company has maintained its conflagration reserve, its liability in case a conflagration has occurred should be limited

to this amount. This being a part of the contract introduces no element of unfairness; the insured instead of buying insurance with theoretically unlimited liability but practically most decidedly limited because of the well known expense and delay of litigation and the undesirableness of receiverships, buys insurance in which liability is definitely and legally limited; but the protection is standardized.

This again is not a matter of far-away theoretical interest; it is vitally connected with the actual situation in San Francisco. No fact has been more striking than that practically the liability of the companies has been limited. In spite of the fact that companies could be brought into the courts and compelled to pay their claims in full or be driven into acknowledged insolvency, in spite of the fact that there is a state law regarding stockholders' unlimited liability, it is a most notable fact that but three companies are in the hands of receivers, that more than half the companies have been able to settle their claims at less than their face value with few lawsuits, that companies which have paid but fifty and sixty percent are likely to be able to close out their claims and yet preserve their plants. This is a state of the unearned current premium, there ought to be a law regarding unlimited liability with such an attendant host of disagreeable features as we have had in San Francisco, amounting as a matter of fact to limited liability, or a legally limited liability with standardized protection?

Nothing is gained by taking the pound of flesh. To drive a company into insolvency and thereby destroy its plant is to kill the goose that laid the golden eggs. Set a reasonable standard of protection against conflagration, then if this has been observed absolve the company from further liability. The company will then have saved its plant and may immediately go on in business on whatever scale its remaining funds or funds to be put up by its stockholders will warrant.

The details of such a plan can manifestly not be given *here*, but it is perfectly possible to work them out in an *entirely* practical, consistent way. To sum up, however, the

advantages of such a plan are, first, no company could write an inordinate amount of business, and so nullify its capacity to indemnify; second, there would be better, and not only better, but standardized, protection against conflagration; third, the business of fire insurance with this element of uncertainty removed would be far more attractive to capital and would appeal to a better class of investors.

This, by the way, might apparently seem to be dictated by a thought of what would be best for the companies. Not so at all. The fundamentally mutual character of insurance is so dominant that the company is almost lost sight of. As a matter of fact what is best for the insured and what is best for the company are in any large matters identical.

One point more; it may be said that a law of the kind proposed would work a hardship upon the small company. No great hardship; a small company may do as much country business as it pleases, and it may take a share of city business proportionate to its size. To attempt to minimize the advantage of size in fire insurance is ridiculous. Nowhere else is it more true that "to him that hath shall be given"; it reads: "to him that hath a large surplus shall be given much city business and from him that hath not shall be taken away (by reinsuring it, if a company can be found to take it) most of that which an over-energetic agent has written."

And now let us come back to the immediately practical business as it is today. Massachusetts, which has always been the leader in intelligent insurance legislation, had a law a few years ago limiting the amount of risks that a company might assume in any one of certain districts in Boston. The law was repealed. It was presumably found that with the law in operation it was impossible to obtain enough insurance, the reason of course being that, while the legally prescribed limit would have yielded as much insurance as before, as a matter of fact the conservative companies would not write up to the limit allowed. There was therefore a deficiency of, to be sure, a very poor type of insurance, namely, one that gave practically no protection against con-

flagrations but nevertheless it gave fairly good protection in the case of ordinary losses, and for this purpose, in the lack of anything better, could not be spared.

This, then, apparently disposes of the practical possibility of placing a limit upon city-risk. Yes, absolutely, in large cities if the supply of insurance is to be always limited to what is available now. But the one hope of bettering insurance protection against conflagrations is the enlistment of more insurance capital, and the one way of doing this is to make the business more attractive. A limited liability law would do this. As a matter of fact the safety-fund laws of various states, New York among the number, are exactly of this nature, but if the liability is to be limited the simplest, most natural limit seems to be had by a reference to the aggregate amount exposed to a single conflagration as outlined above.

Still, as a matter of fact, whether liability should be limited to the surplus, the surplus and capital, or to the surplus, capital and the excess of the unearned premium reserve over the actual cost of reinsuring the outstanding risks is a matter of detail; the important thing is to grant some form of limited liability in case of conflagration that will save the plant; but it should be granted only if there is the proper commensurateness between the conflagration-risk and the company's assets.

Is it worth while to think of conflagrations or do they come so seldom that we may go on in sweet oblivion? Is the insurance business to be organized with the possibility of a conflagration clearly recognized or is it to be based on ordinary loss, and Heaven help us if we have a conflagration? A conflagration may be a theory in New York, but it is a fact in San Francisco. The conflagration hazard, basing it upon the three large conflagrations of the last fifty years, excluding the San Francisco conflagration, and spreading it over the twenty largest cities of the United States, can be demonstrated to have been (on the assumption that the rates have been adequate), on mercantile stocks half as large as the ordinary hazard, and on so-called

fire-proof buildings several times as great as the ordinary hazard. This does not appear to be a hazard that should be neglected.

INSURANCE LEGISLATION.

Nothing is more certain than that there ought to be more money invested in the fire insurance business than there is today, or than there has ever been, if there is to be adequate insurance protection for large cities. To this end, as has been said, it is desirable that the business of fire insurance should be made as attractive to capital as may be consistent with the good of the insured.

A long step in this direction may be taken by applying intelligence and fair-mindedness to the subject of insurance legislation; in fact intelligent legislation would have the effect of improving conditions for both the insurer and the insured, for inevitably any restriction upon the insurer is immediately shifted to the shoulders of the insured. But in our present condition in California the thing we least need now is more legislation. Publicity is better than legislation, and for some years fire insurance will continue to be a matter of public interest. There is no more inexorable economic fact than that unwise legislation will do one of two things, either raise the rates or drive companies out of business. The best thing that could possibly be done for the insured is to remove all unnecessary restrictions from the companies and to encourage the formation of organizations for properly adjusting rates and preserving stable conditions.

Such organizations seem to have the character of trusts, but in reality their nature is entirely different. Of course any organization may be used in such a way as to prevent competition and doubtless Boards may be and have been used for this purpose; but there is nothing in the fundamental nature of a Board as rate-maker that tends to restrict competition; quite the opposite; for this information regarding rates must of necessity become largely public property, and is to that extent generally available for who-

ever will to use. There will always be non-Board companies and rates will always be kept down by competition.

A STANDARD FORM OF POLICY.

There is one matter that will almost surely be brought up at the coming meeting of the legislature of this state, and that is the adoption of a standard fire insurance policy. The more simple and uniform the contracts in an insured community, the better all around. There are some very strong reasons for adopting the New York standard form of policy.

1st, it is the best existing form. It was made carefully by a committee from the insurance companies and the state superintendent of insurance.

2nd, the creation of a new form would be a work that should require far more time and thought than could possibly be given to it now.

3rd, the New York standard form has been adopted by a number of states and, in the twenty years it has been in use, has received a large number of legal interpretations. This is unquestionably the point of greatest importance, since a policy has no surely ascertained meaning till it has received the interpretation of the courts.

The policy, to be sure, does not impress one with its simplicity nor its fairness to the insured; it is not an ideal policy; but its faults are lessened by the interpretations of the courts. At any rate, this is no time to experiment. San Francisco needs now more than ever all the insurance that it can get and it is not expedient, to say the least, to run the chance of driving companies away that are already not oversure that they wish to stay.

If a standard form of policy is adopted there should be some prescribed method of adding qualifying clauses, as for instance, in red ink. There are some companies that will not do business on this coast without an earthquake clause. They should be allowed to offer their goods for sale, provided the goods are properly marked.

A DEPOSIT LAW.

The state platform of one of the political parties contains a recommendation in favor of a state deposit law. This must surely have been adopted under a misapprehension, perhaps, because of the feeling that if a deposit is to be made, the more closely at home it is made, the better. In reality a law requiring a company to make a deposit of any adequateness in the state, if adopted by all states, would drive foreign insurance companies from the country. If "foreign" means American companies that are non-Californian, then such a law, even if passed by California alone, would kill the California companies, because of the retaliatory laws of other states, which would require the California companies to make the same deposit in every state in which there was such a law. Policyholders would be sufficiently protected if the law provided for funds anywhere in the United States for the benefit of United States policyholders.

THE STOCKHOLDERS' LIABILITY LAW.

One of the most remarkable features of this present insurance situation, as has been said before, has been the remarkably small number of appeals that have been made to the courts. The companies that have found difficulty in making compromise settlements have not been the companies which were "hard hit" or "down and out," but the companies which were able to pay. In spite of the fact that California has a stockholders' individual liability law, there is actually* likely to be no test made of it. This is certainly as critical a situation as is likely to occur and if the law in this case is shown not to correspond to a popular want it should by all means be repealed, at least so far as it applies to insurance companies, for its presence acts only to keep careful companies out of the state.

UNDERWRITING AGENCIES.

It is hard, at least for a layman, to understand how the existence of underwriters' agencies can be for the best good

*Later, suits have been begun in Chicago.

of legitimate underwriting. They possess no assets and are not recognized by the Insurance Commissioner. In a time such as the present, their effect is to interject an irresponsible element between the insured and the real insurer. The only reason for the existence of such underwriting fictions is apparently that a company and a fiction can do more business than a company alone, but the question is, can not any company through its ordinary channels do as much business as it legitimately should.

FIRE WASTE.

The most discouraging feature of the Fire Insurance situation in the United States is the indifference of the American people to the enormous annual fire-loss, due principally to flimsy and meretricious construction. Is it generally known that the average rate in the United States is over twelve times as large as the average rate in Great Britain and twenty-eight times as large as the average rate in Spain?

It is to be feared that cheap construction is such an ingrained national fault that it is almost hopeless to combat it. But San Francisco, with its monumental lesson from earthquake and fire, should think of these things seriously. The insurance companies are exerting an influence for better things by penalizing bad construction and making allowances for good construction in their rates and they should have the support and interest of every good citizen. There is one sure way of preventing conflagrations, and that is by giving fire nothing to burn.

SELF-INSURANCE.

One of the questions that has been raised by this situation is with regard to self-insurance. Under what conditions is self-insurance desirable and good protection? In the first place there must be enough risks to yield a good average: second, these risks must be scattered in such a way as not to be subject to a single conflagration. Self-insurance in San Francisco, even if the risks were larger in number, would not be safe.

There are evidently some who suppose that carrying no insurance is in itself self-insurance; not in the least, it is simply not being insured, not even by oneself. Insurance is a plan for averting the severe incidence of a loss by dividing its effects among all those who are exposed to a like hazard. In self-insurance the contributors are the whole of the risks, but their contributions must not be held in abeyance and then called upon when a loss comes, but they must be placed in a fund. The difference is just this: if the contributions are not actually segregated they are likely to be so tied up in the properties involved that when called upon suddenly the setting of them free is as disastrous as the unshared loss itself.

The contributions of the various properties should instead be collected into a fund and invested in easily convertible securities. In some conceivable cases the investment might be made in the very class of property insured; in such cases no insurance and self-insurance would be the same thing, as for instance in the case where a man owns a large number of rented dwelling-houses. The loss of one of these does not come as a shock to the whole property.

On the other hand, suppose a property consisting of detached buildings of a manufacturing plant. When the paint shop burns it is a distinct loss and must be individually replaced; and yet the blacksmith's shop cannot be sold to pay for it, nor the office building; they are all needed and indemnity cannot be furnished from any of these sources. If a wise course has been pursued the premiums that would have been paid to an insurance company have been invested, not in the business itself, but in securities which have no connection with the business.

No properties should enter upon self-insurance until an insurance fund has been collected. The entrance, therefore, should be gradual; year by year, as the fund grows, insurance in companies may be discarded. What the size of this fund should be depends upon the nature of the properties and the number of separate risks.

FIRE INSURANCE PROFITS.

In connection with this conflagration it is interesting to draw attention to the profit account in fire insurance. The underwriting profit has averaged lately, that is for the last ten or twenty years before the San Francisco fire, about 3 per cent of the gross premium receipts. It is probable, however, that the loss in this fire will sweep out all such profit for the last fifty years. For if, off hand, we take the premium receipts in the United States during that time to have been six billion dollars, which is probably more rather than less than the true amount, the profit must have been somewhere near \$180,000,000. The amount that will finally be paid in San Francisco is probably at least as much as this, thus leaving no underwriting profit during this time.

This does not mean, however, that the business has been conducted at a loss, for the principal source of profit is the interest on securities. As the assets of a company, which consist of the unearned premium fund, the surplus and the capital should be several times the capital, interest on these at, say 4 per cent would give an excellent return upon the capital. When, however, one considers that the surplus is often largely made up of contributions by the stockholders and that not unfrequently they have been called upon to subscribe new funds to carry on the business, the return does not seem too large for the risk that is assumed.

CONCLUSION.

A few things remain to be said in conclusion. In the first place, unquestionably, taken all in all, the companies have done remarkably well. An immense sum of money has been paid into this city, a far larger sum than companies have ever been called upon to pay at one time before. In spite of the earthquake, in spite of the nearness in time of the Baltimore and Toronto conflagrations, the companies will finally have paid undoubtedly in the neighborhood of 80 per cent of the amount of insurance involved. At Chicago there was 50 per cent paid, at Baltimore 90 per cent. The re-

markable difference between the showing made by the companies at San Francisco and at Chicago where there were 46 that failed shows the great progress that has been made in 35 years in legitimate underwriting. And yet the San Francisco experience clearly points the way to needed improvements.

The people of San Francisco owe a particular debt of gratitude to the companies which made the fight for the old methods, for adjustments of claims on their merits and for payment of just claims in full.

It must be evident that such a report as this is entirely inadequate to express the situation in any vivid way. It has been a trying time that most people will be glad to forget. So much money in controversy has caused an overstrain on human nature on both sides.

Unfortunately also most of the figures as to loss and liability are only estimates.

A very great deal of time has been spent upon the collection and tabulation of the data upon which the account of settlements has been made; these figures are believed to be correct; if any injustice has been done it has certainly not been from a lack of careful consideration.

May there never be another such fire!

REPORTS OF WASHINGTON BUREAU

WILLIAM M. BUNKER, Representative

REPORT OF WILLIAM M. BUNKER TO THE CHAMBER OF COMMERCE OF SAN FRANCISCO.

Washington, D. C., January 10th, 1906.

To the Honorable President, Board of Trustees and
Members of the Chamber of Commerce of San Francisco.

Gentlemen—At the close of this, the fourth year in the history of the Washington Bureau of the Chamber it may be truly said that the Chamber policy of making San Francisco the main American base for Asiatic, yes, Pacific Ocean trade, definitely inaugurated in 1898 and since closely followed, has finally gained, not the attention it merits, but the attention that marks the beginning of a commercial era. The general government has facilitated San Francisco development on many lines, thanks to the activity of the Californian Congressional delegation, but until recently the government has not appreciated the changed and changing conditions in Pacific Coast commerce. The introduction into Congress of a bill providing for the erection of a military warehouse and other Army buildings and a system of wharves and docks at Black Point at a cost of fifteen hundred thousand dollars, is an eloquent assurance that the government now sees the city of San Francisco must be used as a military and trade base if the people of the United States would compete with other nations for trade supremacy in the Pacific and adjacent waters. Enormously suggestive is the proposed concentration of transport service facilities at Black Point. A con-

dition, and not a theory, confronts this nation on the Pacific and there is no evading it.

ADMINISTRATIVE PRESCIENCE OF THE CHAMBER.

One may be pardoned for pointing to the administrative prescience of the Chamber of Commerce of San Francisco. In 1898 the Transsiberian Railway was nearing completion. It was assumed that in closely uniting Asia and Europe the new line would injure trade and commerce of the Pacific Coast. There was a popular belief that Eastern Siberia would compete with this coast in the Asiatic flour market. The necessity of a reliable report on railway and agricultural conditions in Eastern Siberia was patent to every one familiar with Pacific Coast conditions. For obvious reasons this section had more at stake than any other in the country. The Chamber took a larger view of the situation than the general public. The Chamber administration foresaw the pending expansion of Asiatic trade. In order to learn about Far Eastern affairs insofar as they affect Pacific coast development, and especially their relation to the up-building of San Francisco, the Trustees asked that I deviate from my arranged route of travel around the world and enter Europe by way of Japan, China and Siberia. I was asked to make a special study of the Transsiberian railway, the agricultural and industrial activities of Eastern Siberia, and note the existing and prospective trade relations between the Pacific coast and the Far East. Through these investigations the members of the Chamber learned that Siberian flour could not possibly compete with Pacific coast flour in the Asiatic market, the wheat of Eastern Siberia hardly meriting consideration, and also that the Transsiberian railway would favor rather than injure American trade in Asiatic waters. The trade inquiry instituted in 1898 was fruitful of results. The Chamber followed this inquiry with others and began the course of commercial education which has brought the institution into unique prominence. The Chamber advanced, and has since empha-

sized the idea, that the Pacific coast, first through favoring proximity to Asia, and then for other causes, is the great natural and national fixing factor in the American Asiatic trade problem.

HOME MARKET FOR EASTERN MANUFACTURERS.

In line with the policy of the Chamber, and speaking for the Chamber at a public meeting of the Advisory Board of the Philadelphia Museum in October 1902, I had the pleasure of saying:

“The Pacific Coast is so near Asia that Americans may take the largest slice of Asiatic trade if they press their advantage. But they must utilize the favoring proximity of the Pacific Coast, and the particular value of this proximity must be recognized by the entire country. The pressure on Asia in the interest of an increased export trade from the United States must be exerted for the next decade from the Pacific Coast. The development of the Pacific Coast is essential to the progress to the entire country; first, because that coast faces Asia and is so much nearer Asia than are the great exporting countries of Europe, and second, because the Pacific Coast offers a good home market to Eastern manufacturers which may easily be enlarged. We must increase the size of our home market. Look to the Pacific Coast for this increase. The Pacific Coast is all in all to you men of the East who would increase both home and Asiatic demands for your products. With the Pacific Coast properly developed you are safe. Reciprocity with the Pacific Coast means more to you than any other form of reciprocity. In dealing with trade issues you are in duty bound to bear this fact in mind.”

NATIONAL VALUE OF PACIFIC COAST PROGRESS.

The Chamber actively advocated the Irrigation Act finally adopted by Congress. In addressing the House Committee on Irrigation at the instance of the Chamber, I pointed to the fact that instead of injuring the interest

of the older States, as enemies of the irrigation measure had argued, the Act, through facilitating the irrigation of the arid wastes in the Far West, would stimulate the demand for agricultural machinery and other mechanical products of the Eastern manufacturing belt. The larger the population of the Pacific Coast the greater the American market for the output of manufacturing plants east of the Rocky Mountains. This reasoning bears on all lines of Pacific Coast development. This coast is not the rival of the East and its progress should therefore be viewed with pride and pleasure by others and possibly less favored sections of the country. The other sections, near and far, reap reflected advantages from Pacific Coast growth. The advance of coast trade and commerce is intimately associated with the harmonious progress of the United States. This fact has thrust itself into notice with a force that will not be denied. The fates have conspired in its favor. The increased Asiatic trade, the Transsiberian railway, the absorption of the Philippines and Hawaii, the Boxer War, the fruitful transmission of electric energy in California, the Russo-Japanese War, and numerous minor causes have not only demonstrated the dominating importance of California as a whole, but has brought into the white light of publicity the commercial value of San Francisco. The calm and unprejudiced student of national affairs sees in the Pacific Coast the complement and not the rival of the region with its teeming millions that lies between the Rockies and the Atlantic. In achieving the progress essential to the symmetrical expansion of the country the two regions are interdependent. They have a common interest. The greater the progress of the Pacific Coast the healthier material conditions east of the Rockies. At every turn the nation faces the fact that for many reasons the people of the Pacific Coast must buy largely of Eastern manufacturers, the demand keeping pace with the population gain; and it is therefore to the Pacific Coast that Eastern manufacturers must look for the ever-broadening home market that spells prosperity for the nation.

THE COMMERCIAL SUPREMACY OF THE PACIFIC AT STAKE.

Agreeable to the policy of the Chamber, I have since 1898 repeatedly referred to the necessity of federal recognition of San Francisco as a natural and national base of American trade in the Far East. Today the whole world knows that the commercial supremacy of the Pacific is at stake. Theory has given away to fact. Today it is not a question of rivalry between the East and the West, between the Atlantic and Pacific coasts, nor between the Pacific coast and any other section of the country. It is largely a question of intelligently competing with the audacious enterprise of the Japanese. Months before the recent war Japan mapped for military use the Manchuria that Russia was trying to tie to itself. That is the Japanese way. While Japanese soldiers smashed Port Arthur Japanese traders scoured and scouted other lands. While other peoples went wild over the war, silent and sober Japan fixed for its own use the trade value of other peoples. While other peoples blithely chatted of Chinese trade, Japan chatted with China. Traders entered the open door only to find Japan receiving with China. While other peoples gloated over the trading future of China and Japan, and saw trade triumphs that alas may never come, Japanese toured and tested trade centres of the world and planned trade campaigns.

THE JAPANESE TO BE RECKONED WITH.

While other peoples watched, the Japanese worked. While other peoples sphered their trade influences in the Far East the Japanese sphered the trade of other peoples. The solidarity of Japan and the mental duality of the Japanese bred audacity. While other peoples prepared to invade the Far East the Japanese invaded the Far West. Japanese agents passed along the Pacific Coast of the Americas, charted the currents of trade, created new, and for Japan more favorable currents, and formed the industrial and commercial connections that rival nations like not yet can-

not condemn. The Asiatic East has proved that the West no longer has a patent on progress. Favoring proximity facilitates Japanese trade in China and Korea. This proximity is used for its full value. There is another favoring proximity equally appreciated by Japan but which the United States has barely seen. Americans have so harped on the fact that their Pacific Coast faces the Far East, that they have almost forgotten the Far East faces their Pacific Coast. The Japanese know it is as far from the one to the other as from the other to the one that the commerce of the Pacific Coast of America concerns them even as the commerce of the Far East concerns the Pacific Coast. If it is only 5,000 miles from San Francisco to Yokohama, it is only 5,000 miles from Yokohama to San Francisco. This may explain why Japan increased its merchant marine from one hundred and fifty thousand tons in 1890 to one million tons in 1905, and why it is working for a still larger tonnage. The Toyo Kisen Kaisha Steamship Company is building two steamers of 12,500 tons each for the Japan-San Francisco line. Japanese plans also include steamer connections with Central Europe and the opening of a line between Hongkong and Chili touching at Noji, Kobe and Yokohama. The latter steamers will carry Chinese and Japanese coolies and general laborers to the South American states, thus aiding the development of those states, and return with cargoes of nitrate of soda and other South American products to Japan and China. Meanwhile twelve million dollars is being spent on Chilean port improvements. It is fair to infer that the South Americans and the Japanese will finally arrange trade treaties in their mutual interest. The other trading nations may console themselves with the thought that the worst is to come.

The foreign trade of Japan increased from eighty million dollars in 1893 to three hundred and forty-seven million five hundred thousand dollars in 1904, and the tonnage employed in carrying it increased in the same period from nine to twenty-seven million. The trade quadrupled and the tonnage trebled.

Matchless irony of fate! Americans priding themselves on the discovery of commercial Japan only to find that they are the discovered of the Japanese. Great Britain excepted, the world saw not, or, seeing, refused to notice the planning energy, the power of purpose, the oneness, the cohesive strength and ambition of the Japanese.

COMMERCIAL GAINS OF THE PACIFIC COAST.

Since 1866 the United States territory has grown from 3,025,000 square miles to 3,770,954 square miles. The increase mainly represents Pacific lands and islands, and, yet, ignoring the proximity of its Pacific coast to the Far East, ignoring the kaleidoscopic changes in Far Eastern conditions, and ignoring the Japanese advance and the necessities of the Philippines, the national government, admirably enterprising on irrigation lines, has been blind to the value of the Pacific Coast as an American base for the Far East trade. To be sure the Pacific Coast benefits by the transport connections with the Philippines. But that is a mere patronage incident. The territorial expansion of the country, the industrial and commercial development of the Pacific Coast States, the value of that development as a factor in solving the trade problems of the Far East, the nearness of the Pacific Coast to the Far East—all these facts have been evaded in an effort to control from the Atlantic Coast of this country the Far Eastern trade.

Despite the handicap of limited appreciation, the Pacific Coast of the United States steadily gains commercial importance. The figures of its foreign trade are eloquent. In the nine months of 1905 ending with September, the exports of the Pacific Coast ports were eighty millions of dollars or double those of the first nine months in 1904. The export gains of the Atlantic ports in the same period was fifty millions of dollars, despite the fact that the total was over six hundred and seventy-three millions of dollars. In passing it should be said that the several lines of steamers connecting coast ports with the Far East are doing a large business.

SUGGESTIVE FACTS AND FIGURES.

The distance from San Francisco to Shanghai is 5506 miles as against 10,500 miles from London to Shanghai. San Francisco is 7129 miles nearer to Yokohama than is London and even by an overland and oversea route to the Philippines, San Francisco has an advantage of three thousand miles over New York.

The distance from New York to the Philippines by water is nearly double that from San Francisco to the Philippines. For several reasons San Francisco and other Pacific Coast ports should be fully used by the government as well as by the people as bases for the Far Eastern trade.

The area of the United States is so vast and the interests of the country are so varied that due allowance must be made for the failure of the government to grasp the full significance of the situation.

The American government has no great military warehouse west of Jeffersonville, Indiana, 2200 miles east of the Pacific Coast. This government has unwittingly discouraged the industrial fecundity of the Pacific Coast, and so cramped trade relations with the Far East. But the activity of the Japanese bids fair to push this government into the position of a trade promoter.

The American trading value of the Panama Canal is variously estimated. That this value may prove more apparent than real would seem to be partially indicated by the limited use in the Far Eastern trade of the Pacific Coast proximity to the Far East. Unless the American merchant marine be born again, in the meantime, (an admitted necessity), the Panama Canal may serve Japan better than the United States.

MULTIPLYING ACTIVITY OF THE PACIFIC COAST.

The Pacific Coast of the Americas is the scene of multiplying activities. They are too many for mention. Suffice it to say that for trading purposes they are of value to the Japanese. One pointed economic illustration is that fact that

within five years fuel oil and long distance transmission of electric energy have furnished California with cheap motive power and placed that State on a manufacturing plane. This is merely one feature of the Pacific Coast development that is creating new conditions at various intervals from Alaska on the North to Southern South America. It must not be assumed that the Pacific Coast is not attracting attention. Far from it. A new railway from Salt Lake to San Francisco, the last link in a new transcontinental line, is being built with feverish haste, and other railway construction is also in progress.

The Mexican government and British capitalists are rebuilding the railway across the Isthmus of Tehuantepec from Salina Cruz, on the Pacific, to Coatzacoalcas, on the Atlantic. The railway company has an agreement with the Hawaiian Steamship Company whereby eleven steamers, averaging ten thousand tons, will serve the Atlantic and Pacific ends of the railway running from Hawaiian Islands and Californian ports and between Mexican ports and New York. The railway is twelve hundred miles north of Panama and eight hundred miles south of New Orleans and in a way will anticipate the traffic that was allotted to the Panama Canal. It is too soon to predict the effect of this new and close connection between the Atlantic and Pacific Coasts. It will certainly create new and important trade currents.

WARNING SIGNS OF THE TIMES.

While prosperity smiles on the Pacific Coast, especially on California, and more especially on San Francisco, it were folly to assume that Pacific Coast prosperity is limited to American territory. Signs of prosperity are easily seen in Japan, in other portions of Asia adjacent to the Pacific, and in various places in foreign countries on the Pacific Coast of North, Central and South America. All these signs point to an increasing volume of Pacific Ocean trade. They are stimulating commercial activity among European traders and transportation companies, as well as among those of

REPORTS OF WASHINGTON BUREAU

Japan. In view of the open and avowed struggle for trade and transportation supremacy on the Pacific and in the Far East, it would seem to be the duty of the American government, in the interest of the manufacturers and producers of the United States, in the interest of the people, of the working-man as well as the employer, of the poor as well as the rich, to pursue a policy that would protect the American trade and transportation interests on Pacific Ocean waters and in the Asiatic East.

PENDING CONGRESSIONAL LEGISLATION.

Thus far in the first session of the 59th Congress the bills offered by the California delegation may be summarized as follows:

Appropriating \$25,000 for the Improvement of Presidio grounds.

Appropriating \$5,000 for the erection of a permanent rostrum in the National Cemetery at the Presidio.

Providing for a Life Saving Station at or near Half Moon Bay.

Providing for the construction of a first class revenue cutter, with headquarters at Honolulu.

Providing for the construction of a revenue cutter for service in the harbor of San Francisco.

To establish a light and fog-signal station near Point Cab-rillo.

To construct a tender for the engineer service of the 12th

house district at a cost not to exceed \$135,000.

Lighthouse and fog-signal on Red Rock,

Barbara Landing.

Sanita

Also a joint resolution accepting the recession by California of the Yosemite Valley grant to the Mariposa Big Tree Grove and including the same together with fractional sections five and six, within the metes and bounds of the Yosemite National Park.

Appropriating \$5,000,000 for the purpose of aiding an International Exposition at San Francisco, September 25th, 1913, to commemorate the 400th anniversary of the discovery of the Pacific Ocean by Balboa.

Appropriating \$500,000 for the military warehouse on the Presidio Military Reservation.

Making Monterey and the city of Port Harford each a sub-port of entry in the Customs Collection District of San Francisco.

To enable the Department of Agriculture to conduct demonstration experiments for the purpose of eradicating the pear blight in California.

To prohibit the entrance into the United States of certain classes of Koreans and Japanese.

To provide for the purchase of a site and the erection of a public building thereon at Eureka.

To provide for the appointment of an additional district judge in the Northern District of California.

Appropriating \$1,000,000 for the construction of a building to house the various federal government offices occupying rented quarters in San Francisco.

The measures indicated above are now pending.

THE INCREASE OF BUREAU WORK.

The routine work of the Washington Bureau of the Chamber is recorded in the letters, telegrams and reports sent to the Chamber during the year. The scope of the Bureau has broadened as the members have learned its practical value for reference purposes. The correspondence more than doubled last year and since the opening of the present session of Congress many members have corresponded with the Bureau regarding legislation planned or

in progress. As the volume of Californian business increases, and commercial and industrial enterprises multiply, the Chamber and its members naturally have a larger interest in the executive and legislative branches of the general government.

Respectfully yours

WILLIAM M. BUNKER,

Representative at Washington, D. C., of the Chamber of
Commerce of San Francisco.

REPORT OF WILLIAM M. BUNKER
TO THE
CHAMBER OF COMMERCE OF SAN FRANCISCO.

Washington, D. C., July 12, 1906

To the Honorable President, Board of Trustees and

Members of the Chamber of Commerce of San Francisco.

Gentlemen—I have the honor to present for your use and guidance copies of all the joint resolutions and bills adopted at the first session of the Fifty-ninth Congress, terminating with June, together with references to measures affecting California.

Fifty-four (54) joint resolutions and four hundred and sixteen (416) bills were passed at the first session of the Fifty-ninth Congress and all the resolutions and all save one of the bills were approved by the President.

JOINT RESOLUTIONS OF SPECIAL INTEREST
TO CALIFORNIANS.

The first seven resolutions have no bearing on California interests. Resolution number eight (8) instructs the interstate Commerce Commission to examine into the subject of railroad discriminations and monopolies in coal and oil, and report on the same from time to time. Resolution eleven (11) amends a joint resolution relating to railroad discriminations and monopolies approved March 7th, 1906. Resolution number sixteen (16) provides for the relief of sufferers from earthquake and conflagration on the Pacific Coast. It appropriates \$1,000,000 to be expended under the direction and in the discretion of the Secretary of War. Resolution number nineteen (19) increases the relief fund to \$2,500,000 and specifically designates its uses.

FEDERAL CONTROL OF YOSEMITE VALLEY AND THE MARIPOSA BIG TREE GROVE.

Resolution number twenty seven (27) accepts the reversion by the State of California of the Yosemite Valley grant and the Mariposa Big Tree Grove.

Resolution thirty-five (35) provides that purchases of material and equipment for use in the construction of the Panama Canal shall be restricted to articles of domestic production and manufacture, from the lowest responsible bidder unless the President shall, in any case, deem the bids or tenders therefore to be extortionate or unreasonable.

Resolution number forty-one (41) protects the copyrighted matter appearing in the "Rules and specifications for Grading Lumber adopted by the various Lumber Manufacturing Associations of the United States."

PUBLIC ACTS OF SPECIAL INTEREST TO CALIFORNIANS.

Of the 416 public acts passed at the first session of the Fifty-ninth Congress and approved by the President, many directly and indirectly affect California.

Public number two (2) authorizes the construction of a bridge across the Columbia River by the Portland and Seattle Railroad Company.

Number three (3) appropriates \$11,000,000 to continue the construction of the Panama Canal.

Number nineteen (19) repeals Section 4136 of the Revised Statutes relating to the registry of repaired foreign wrecks.

Public twenty-five (25) allows the entry and clearance of vessels at San Luis Obispo, Port Harford, and Monterey, California.

Number fifty-one (51) amends Section 4400 of the Revised Statutes relating to the inspection of steam vessels.

Number sixty-five (65) regulates the construction of bridges over navigable waters.

Number eighty-nine (89) amends Section 4414 of the Re-

vised Statutes, inspection of hulls and boilers of steam vessels.

Number one hundred and eleven (111) provides for the establishment of a life-saving station at or near Neah Bay in the State of Washington, and for the construction of a first class ocean-going tug to be used in connection therewith for life-saving purposes in the vicinity of the North Pacific Coast of the United States, etc.

Number one hundred and twenty two (122) provides for the purchase of metal and the coinage of minor coins, and the distribution and redemption of said coins.

Number one hundred and twenty six (126) simplifies the issue of enrollments and licenses of vessels of the United States.

Number one hundred and forty five (145) makes additional appropriations for navy department and postal service use on account of earthquake and attending conflagration on the Pacific Coast.

Number one hundred and forty six (146) amends the laws of the United States relating to the registration of trademarks.

Number one hundred and fifty one (151) provides for the diversion of water from the Sacramento River for irrigation purposes.

Number one hundred and fifty eight (158) amends Section 4348 of the Revised Statutes, establishing great coasting districts of the United States.

Number one hundred and fifty nine (159) provides for the removal of derelicts and other floating dangers to navigation.

Number one hundred and sixty four (164) amends Section 4426 of the Revised Statutes, regulation of motor boats.

Number one hundred and eighty four (184) amends Section 4472 of the Revised Statutes, relating to the carrying of dangerous articles on passenger steamers.

Number two hundred and one (201) provides for the withdrawal from bond, tax free, of domestic alcohol, when

rendered unfit for beverage or liquid medicinal uses by mixture with suitable denaturing materials.

Number two hundred and seventeen (217) amends Section 4421 of the Revised Statutes, inspection of steam vessels.

Number two hundred and twenty six (226) forbids the importation, exportation, or carriage in interstate commerce of falsely or spuriously stamped articles of merchandise made of gold or silver or their alloys, and for other purposes.

Number two hundred and thirty four (234) creates the State of Oklahoma.

Number two hundred and fifty five (255) authorizes additional aids to navigation in the light house establishment. The act contains six items relating to the Twelfth Light House District.

Number two hundred and seventy two (272) amends the act entitled "An Act to establish a port of delivery at Salt Lake City, Utah."

Number two hundred and ninety eight (298) provides for the protection and regulation of the fisheries of Alaska.

Number three hundred and six (306) grants to the State of California five per cent of the net proceeds of the cash sales of public lands in said state.

Number three hundred and twenty eight (328) grants to the Ocean Shore Railway Company a right of way for railway purposes across Pigeon Point light house reservation in San Mateo County.

Number three hundred and thirty seven (337) enlarges the powers of the Interstate Commerce Commission.

Number three hundred and thirty eight (338) establishes a Bureau of Immigration and naturalization and provides for a uniform rule for the naturalization of aliens throughout the United States.

Number three hundred and seventy-two (372) establishes regular terms of the United States Circuit and District Courts of the Northern District of California at Eureka.

Number three hundred and seventy eight (378) amends Section 2871 of the Revised Statutes, providing a special

license to load or unload the cargo of a vessel or other conveyance at night.

Number three hundred and eighty eight (388) amends Section 4471 of the Revised Statutes, regulation of steam vessels.

Number three hundred and ninety five (395) authorizes and directs the Secretary of the Interior to sell to the City of Los Angeles certain public lands in California and grants rights in over and through various forest reserves.

Number three hundred and ninety nine (399) grants American registry to the bark "Homeward Bound."

THE VALUE OF UNANIMITY

The work of the California Congressional delegation in the first session of the fifty-ninth Congress was practically flawless. The representatives of California in Senate and House worked harmoniously and purposefully and made for the State a new record in national legislation. The value of unanimity in the delegation was profitably exemplified. The representative of the Chamber of Commerce would be untrue to his trust did he fail to emphasize the fact that men representing California in the first session of the Fifty-ninth Congress worked as a unit for the best interests of the State and achieved a symetrical success.

Very respectfully yours,

WILLIAM M. BUNKER.

Representative at Washington, D. C., of the Chamber of Commerce of San Francisco.

THE FOLLOWING IS A LIST OF APPROPRIATIONS
IN WHICH CALIFORNIA IS SPECIALLY INTER-
ESTED, AND BILLS OF A MISCELLANEOUS
NATURE WHICH RELATE TO CALI-
FORNIA OR IN WHICH THE
STATE HAS MORE OR
LESS INTEREST.

Relief of San Francisco.....	\$2,300,000
Five per cent bill.....	1,000,000
Army depot Fort Mason.....	1,500,000
Emergency—Laborers Mare Island	100,000
Emergency—Postal service	70,000
Reimbursement naval officers for losses S. F. Fire	7,000
For sites and erecting wireless telegraph stations	
Pacific Coast	65,000
Navy Yard	
Railroad extension	5,000
Electric system	5,000
Improving channel	100,000
Sewer extensions	3,000
Paving and grading	5,000
Extension heating system	5,000
Improving buildings	20,000
Naval magazine	11,300
Buildings for Naval hospital.....	25,000
Improving construction plant	15,000
Increase appropriation for training ship to	410,000
Building collier, increase to	1,550,000
Naval Training Station.	
Power plant, etc.	39,250
Gymnasium	3,500
Laundry shed	2,000
Repairs to barracks	22,000

Roads and grounds	3,000
Erection barracks and officers quarters	15,000
Benicia Arsenal—improving facilities for repairing seacoast and field artillery	50,000
Presidio—constructing post exchange	20,000
Quarantine station—improvements	9,000
Immigrant station	100,000
San Francisco custom house	500,000
Rent for government offices, Los Angeles	25,000
Rent for government offices, Los Angeles temporary	5,000
Rent for shipping commissioner's office, S. F.....	3,200
Purchases land for landless Indians.....	100,000
Fish hatchery, Baird, new construction.....	10,000
Yosemite and other national parks in California..	17,750
Surveys and re-surveys, Pacific coast	107,500
Gauging streams	200,000
Investigation structural materials	100,000
Fuel tests	250,000
Topographical and geological surveys	550,000
Enforcement of Chinese exclusion	500,000
Improving San Pedro Harbor	290,000
Improving San Pablo Bay	53,168
Improving Oakland Harbor	81,000
Improving Wilmington Harbor.....	100,000
California Debris Commission	15,000
Soldiers' Home.	
Shop building	15,000
Repairs	45,000
Wagon shed	1,000
Nurse quarters	10,000
Ocean-going tug for revenue cutter service	170,000
For re-surveys in San Diego county	20,000
Completion black sand investigation	25,000
Continuing Alaska mineral investigation	50,000
Re-building Light-keeper's dwelling, Cape Mendocino	5,400
Re-building light station, Point Arena.....	72,500

Repairs Southampton shoal light station	17,640
Re-building dwelling Point Bonita light	8,000
Re-building light station, Point Pines.....	18,700
Fog Signal, Humboldt Bay	15,000
Light house tender	150,000
Light and fog signal, Point Cabrillo (authorized) .	50,000
Reproduction surveys, etc., S. F. land office....	61,500
Construction military and post roads, Alaska ...	150,000
Replacing typewriters, furniture, etc., do	10,000
Erection laboratory plant introduction station, Chico	5,000
Laboratories for study quality, etc., of grain and seed	15,000
Investigation of white fly pest in orange groves..	5,000
Nutrition investigations	20,000
Irrigation and drainage investigations	122,000
Investigation brown-tail moth	82,500
Eradication cattle tick	82,500
To reimburse loss revenue cutter service, S. F. Fire	10,000
Reconstruction and repair.	
Postoffice building, San Francisco.....	448,057
Mint	65,000
Sub-treasury	30,000
Appraisers' stores	9,660
Postoffice, San Jose	34,000
Postoffice, Oakland	15,000
Restoration instruments, records, etc., debris com.	5,000
Replacing signal service property destroyed by fire	7,465
Replacing harbor cable to Angel and Alcatraz Islands	2,500
To cover medical supplies destroyed by fire	100,000
For books for office judge advocate, dept. Cal....	1,306
For clothing, arms, accoutrements, marine corps, etc., destroyed by S. F. fire.....	150,000
For reproduction official plates surveys, destroyed by S. F. fire	14,565
Payment claims of J. N. Newkerk. P. M. San Diego burglary	14,513

Public building, Eureka	130,000
Public building, San Diego	150,000
U. S. Sub-Treasury, site and building	375,000
Postoffice, Santa Rosa	70,000
Postoffice, Santa Cruz (Site)	15,000
Sherman Institute.	
Water and sewer system	3,000
Dining hall and kitchen	12,000
Stable	4,000
Coal house	2,000
Cold storage	6,000
General improvements	5,000
Incidental expenses Indian service, Round Valley, Hoopa Valley, and Tule River	4,000
Removal of obstructions from streams draining in- to Eel River	8,000
Appropriation to meet expenses of United States in connection with the formation of the Inter- national Institute of Agriculture at Rome	
David Lubin delegate from the United States	13,400
Experiments in cultivating matting grasses.....	5,000

Authorizing the payment to Shipkeepers at the Navy-Yards of arrears of pay for work they were required to do in excess of eight (8) hours per day since Section 3738, Revised Statutes, has been in effect.

Referring to the Court of Claims, the claim of the State of California for money expended in placing troops at the disposal of the United States during the Civil War, amounting to \$3,951,915.

Referring to the Court of Claims the claim of the State of California for \$651,641 expended during the Indian Wars.

Authorizing establishment of Indian Warehouse in San Francisco;

Authorizing installation of pneumatic tube service for postoffice, San Francisco;

Authorizing patrons of rural free delivery to use such boxes as they desire;

Authorizing rural free delivery carriers to take fifteen days leave;

Authorizing special investigations of conditions of grain production, handling grading and shipping;

Authorizing investigations of fruits. etc., in co-operation with State Experiment Stations;

Authorizing study of plant and orchard diseases and treatment of same—including pear-blight and hops;

Authorizing investigations of harvesting, packing, storing, and shipping fruits and vegetables;

Authorizing payment of 10 per cent of receipts from forest reserves to State for public schools and roads;

Acceptance of the recession of Yosemite Valley;

Allowing entrance and clearance of vessels at San Luis Obispo, Port Harford and Monterey;

Progressive annual increase of \$2,000 in appropriation for State Agricultural Experiment Stations;

Reorganization of the Consular Service;

Grant of power to Secretary of Navy to dismiss Naval Cadets for hazing;

Extending coasting laws to Philippine trade after April 11, 1909;

Authorizing diversion of water from the Sacramento River for irrigation purposes;

Amendment to law permitting the use of brandy in the fortification of sweet wines;

Permitting use without tax of denatured alcohol;

Act providing for the entry of agricultural land within forest reserves;

Prohibiting aliens from fishing in Alaskan waters.

Release of the Cuartel lot to the City of Monterey;

Authorizing Secretary of War to use San Francisco relief fund for expenditures for personal services in Subsistence, Quartermaster and other Departments, in measures for distributing supplies, sanitation of relief camps, etc.;

Amendment of Revised Statutes permitting vessels to load and unload at night, and providing pay for inspectors;

Allowance of differential of 4 per cent in favor of naval construction on the Pacific coast;

Authorizing Commissioner of Navigation to change name

of ships ABBY, PALMER, BALCUTHA, ENTERPE, HIMALAYA, and COALINGA;

Establishing regular terms of U. S. Circuit Court and District Court at Eureka;

Granting the Ocean Shore Railroad right of way across Pigeon Point Reservation;

To increase the efficiency of the militia and promote rifle practice;

Amending the Revised Statutes to provide that total liabilities shall not exceed one-tenth of capital stock actually paid in and one-tenth of its surplus;

Restricting purchases for Canal to articles of domestic production;

Authorizing the sale of Federal lot in Los Angeles and adding proceeds to limit of cost of new Federal building;

Authorizing the Secretary of the Interior to sell to the city of Los Angeles certain public lands and granting rights in and through forest reserves for pipe lines for Los Angeles water supply;

Authorizing the coinage of minor coins in the U. S. Mint at San Francisco;

Secretary of War instructed Commander Pacific Division to detail soldiers to co-operate with local and State Officials in preserving order and protecting life and property; also in caring for and feeding refugees in camps prepared and made sanitary by Army Engineers;

Secretary of the Navy instructed Commandant at Mare Island Navy-Yard to send tugs, marines, sailors medical and commissary supplies to San Francisco in aid of people; also same orders to Naval Training Station;

Secretary of the Treasury arranged for transfer of money without charge to banks, and created several National Depositories in interior cities to facilitate financial transactions and aid people in other business transactions; also arranged to receive San Francisco bonds as security for \$10,000,000 to be held in San Francisco and used in rebuilding homes for unfortunate people; also ordered Revenue Cutters to aid in transportation of refugees;

Surgeon-General Wyman opened marine hospitals to sick and wounded and ordered distribution of medical supplies;

Postmaster-General ordered the retention on the pay-rolls of 200 letter carriers in San Francisco after destruction of the City, and detailed them for other work in the office;

Secretary of the Interior made arrangements to accommodate 200 or 300 patients from Agnew's Asylum in Government Asylums, and instructed Senator Perkins to so inform Gov. Pardee; and

The President directed the Secretary of Commerce and Labor to proceed to San Francisco as his personal representative and report direct to him.

REPORT OF SPECIAL COMMITTEE OF THE BOARD OF
TRUSTEES OF THE CHAMBER OF COMMERCE
OF SAN FRANCISCO UPON UTILITY OF
PANAMA ROUTE FOR FREIGHT
TRANSPORTATION BETWEEN
SAN FRANCISCO AND
THE ATLANTIC
STATES.

Approved at a special meeting of the Board of Trustees
April 20, 1905.

To the Honorable President and Board of Trustees of the
Chamber of Commerce of San Francisco:

Gentlemen:—Your Committee, appointed to collect and furnish information to Honorable J. L. Bristow, Special Panama Railroad Commissioner, respectfully submits the following report:

The recent acquirement by the United States Government of the Panama Railroad and the steamship line connecting Colon with New York, again opens the question as to the utility of the Panama route for the movement of freight between San Francisco and the Atlantic States.

The first overland rail line was the Central Pacific Railroad, opened in June, 1869, and for at least thirty years past this same question has been studied and discussed in every practical form and detail by the merchants of San Francisco, but at no time has there been a satisfactory solution or tangible result obtained.

During all these years while San Francisco has been growing and its commerce steadily increasing in volume, the traffic between the Golden Gate and the Eastern States via Panama has remained almost stationary. True, there have been variations, due to occasional periods of extra activity in favor of competitive means of freight transportation, but

each period of this character was of short duration, and the traffic quickly resumed its normal movement.

At this time, however, the subject comes up in an entirely different form. Under government ownership of the Panama Railroad and the sea route to New York from Colon, the only question to be considered would be whether freight rates could be made sufficiently low to make the saving on transportation expense an object to the shipper, and enough to offset the additional time required in transit. While the Panama Railroad and the Atlantic Steamship Line were under private control, the freight differentials between the competitive and non-competitive periods were so unimportant that San Francisco merchants gave them little consideration. The situation was substantially the same to the shipper and importer during the time when Panama route rates were scheduled under agreement with transcontinental lines as when the Panama route was independent of all alliances and stipulations.

As an illustration of this fact it will be recalled that in the summer of 1892 the management of the Panama Railroad Company announced its willingness and intention to cooperate with a Pacific Coast line of steamships under the American flag, and thus maintain an independent regular service of steamers between San Francisco and New York, touching at Mexican and Central American ports on the west coast, the line to be absolutely free from all entangling agreements with railroads or pooling contracts. This plan was duly formulated and the enterprise was commended to the governments of Mexico and the Central American republics as worthy of their aid and support, and to the merchants of San Francisco and the State at large as a means of building up and increasing the trade relations between this city and the Atlantic States to our mutual benefit, and especially because it afforded to California a water outlet for our products to the markets of the Eastern States and as a means of ingress of importations from that section of our country, the traffic both ways being at reduced competitive freight rates.

With this objective in view, the merchants of San Francisco established and commenced to operate the North American Navigation Company, covering the route between San Francisco and Panama in connection with the isthmus railroad and steamers on the Atlantic side from Colon. All the commercial bodies of this city were appealed to, and the merchants of both city and State were urged to use this route on all freight possible to come or go that way.

This effort was the best and most substantial ever put forth to utilize the Panama route for freight purposes; but, as will be remembered, it was of short duration, and failed to accomplish the much-sought results.

There are reasons why the Panama route cannot be utilized with advantage in the commercial interchange of commodities between San Francisco and the Atlantic States, and with the steady development of transportation facilities between nations as well as between our own States, those reasons are becoming more potential every year. In brief, they are but two in number:

First—Loss of time in transit.

Second—Increased freight cost made necessary by transshipment from steamer to car and from car to steamer.

These two factors are the obstacles; they are permanent for the time being, and cannot be overcome until the Panama canal is completed. At present all freight shipped from San Francisco to New York via the Panama route has to be handled at least six times in transit, thereby increasing the risk of damage or breakage, while by overland railroad it is handled only two times, and makes the journey in less than one-half the time consumed via Panama.

As heretofore stated, the freight movement from San Francisco to the Atlantic States via Panama changes but little from year to year. The list of commodities, while extensive, does not show the same ordinary increase as in other channels of trade. In order to give a good idea of the character and volume of this traffic, the following complete statements for the last three alternate fiscal years, showing the commodities and quantities thereof shipped.

PANAMA CANAL REPORT

om San Francisco to the Atlantic States by sea, are pre-
ented:

	1903-1904.	1901-1902.	1899-1900.
Arms and ammunition, packages..	1	10	15,308
Asphaltum, packages	9,174	10,256	50
Agricultural implements, packages	116	333	221,714
Bags and bagging, bales.....	251,504	1,032,273	1
Beans, lbs.	1	303	54
Bicycles, crates	89	853	47,620
Books and stationery, packages...	10	507,701	24,165
Boots and shoes, packages.....	2,918	10,717	130
Brandy, gals. ....	.....	.....	1,000,378
Barley, ctls. ....	.....	.....	3,327
Beeswax, lbs. ....	.....	10,742	586
Bonemeal, tons	4,848	75	5,834
Borax, lbs.	406	.....	41
Canned goods, cases.....	140	.....	35
Cascara Bark, sks.....	1,275	252	17
China merchandise, packages.....	3,815	145	507
Coffee, lbs. ....	.....	.....	18,771
Copper, lbs. ....	.....	187	95
Cement and plaster, lbs.....	.....	101,019	2
Cordage, coils	274	2,361	23
Candles, boxes	67	3	219
Codfish, packages	53	856	28,452
Drugs, packages .....	.....	3	245,784
Drugs, lbs. ....	.....	.....	1
Dry goods, packages.....	2	43,155	104,471
Electric goods, packages.....	38	2,040,124	1,151
Fertilizers, sacks	36,104	17,141	33
Fish, packages	221,542	329	.....
Fruit, boxes	4,248	41,179	.....
Fruit, canned, cases.....	5	10,562	.....
Fruit, dried, lbs.....	40,750	444	.....
Fruit, dried, cases.....	2,630	764	3,7
Glassware, packages	539	1,384	170,0
Groceries and provisions, lbs.....	24	130,677	.....
Groceries and provisions, packages	1,438	.....	.....
Hardware, packages .....	.....	303	57
Harness, packages .....	.....	313	10,694
Honey, cases	12,009	25,648	.....
Hops, lbs.	71,164	5	.....
Iron, tons	1,068	1,612	.....
Iron, manufactured, packages.....	10,823	249,150	2
Lard, lbs. ....	.....	.....	.....
Lead, pigs .....	.....	3,053	.....
Leather, packages	114	4,516	.....
Lumber, manufactured, packages...	19,486	.....	.....
Lumber, feet	277	672,486	.....
Liquors, cases .....	.....	62,746	.....
Machinery, packages	22,888	2,413,872	.....
Metals, packages	2,728,825
Millstuffs, lbs.
Millstuffs, packages

PANAMA CANAL REPORT

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	1903-1904.	1901-1902.	1899-1900.
Marble, packages	13
Nuts, sacks	2	1
Nails, kegs	23
Oil and kerosene, cases.....	3,096	9,277	3,436
Oil and kerosene, bbls.....	536	563	598
Paint, cases	291	38	121
Paper, rolls	55	97	5
Pipe, pieces	194	.....	.....
Quicksilver, flasks	7,404	130	105
Rice, lbs.	26,390	8,260	31,010
Raisins, boxes .....	.....	8	403
Rye, ctls. ....	.....	15,720	.....
Salmon, cases	166,437	113,042	206,832
Salmon, bbls.	4,038	1,170	2,692
Seeds, lbs.	100	244,367	1,284,990
Sewing machines, cases.....	2	1	1
Sugar, lbs.	144,455	.....	94,150
Salt, bales .....	.....	.....	46
Ship chandlery, packages.....	.....	.....	8
Tin, ingots	147	6	.....
Tobacco, lbs. ....	.....	650	120
Tea, lbs. ....	.....	.....	430
Vegetables, sacks	5	.....	1,891
Wine, gallons	4,118,675	4,439,684	3,684,575
Wine, cases	69	31	256
Wool, lbs.	2,348,376	1,136,086	3,830,293
Whiskey, gallons .....	.....	.....	223
Wheat, ctls. ....	.....	.....	1,231
Wire, bundles .....	.....	.....	20
Varnish, cases .....	.....	.....	89

These totals comprise the aggregate shipments by sea, but the portion which goes by Panama cannot be segregated with any degree of accuracy. As nearly as can be estimated at this time, it is probably about 60 per cent via Panama and 40 per cent via Straits of Magellan.

The aggregate value of annual exports from San Francisco by sea for New York, and also the yearly totals for Panama as a port of destination since 1884, are shown as follows:

Year.	To Atlantic States. Value.	To Panama. Value.
1884.....	\$2,940,250	\$316,131
1885.....	3,116,791	258,240
1886.....	3,054,201	185,610
1887.....	6,688,755	213,379
1888.....	6,384,500	183,600
1889.....	6,010,147	130,844
1890.....	4,071,899	100,647
1891.....	5,372,225	114,513
1892.....	8,548,705	96,068

Year.	To Atlantic States. Value.	To Panama. Value.
1893.....	4,735,799	110,163
1894.....	3,767,545	136,910
1895.....	3,904,398	125,330
1896.....	3,080,251	151,273
1897.....	3,543,795	135,006
1898.....	3,173,326	146,880
1899.....	3,885,548	112,632
1900.....	2,866,969	104,507
1901.....	3,947,502	149,840
1902.....	4,937,628	134,066
1903.....	5,368,252	161,070
1904.....	4,658,224	185,145

It will be noted that during all these years the outgoing freight from San Francisco to the Atlantic States by sea has maintained a comparatively even status. The percentage shipped via Panama during the last ten years is smaller than in the previous ten years, but for the entire period 60 per cent is a conservative allowance to be credited to the Panama route.

The tonnage movement between San Francisco and Panama for a series of years past has been as follows:

Year.	Arrivals.		Clearances.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
1884.....	25	42,859	25	42,860
1885.....	29	47,864	27	43,528
1886.....	43	69,729	42	68,810
1887.....	44	70,747	43	68,096
1888.....	37	65,410	36	65,204
1889.....	31	53,000	33	57,930
1890.....	38	67,145	36	63,874
1891.....	41	70,713	37	66,542
1892.....	47	77,356	48	79,607
1893.....	54	90,912	63	107,337
1894.....	52	89,521	53	91,539
1895.....	43	105,268	55	92,442
1896.....	46	82,470	43	77,638
1897.....	43	74,880	38	69,512
1898.....	39	65,229	36	62,268
1899.....	43	76,158	39	69,028
1900.....	42	80,274	37	73,890
1901.....	58	102,972	56	99,454
1902.....	48	86,930	49	88,198
1903.....	48	115,582	34	73,630
1904.....	53	101,309	52	98,571

The bulk of these annual totals represents the traffic between San Francisco and the Atlantic States via Panama.

Only a small portion was for Panama as a port of destination, and a still smaller portion was destined for Europe.

The tonnage movement between San Francisco and the Atlantic ports via the Straits of Magellan for a series of years past is shown as follows:

Year.	Arrivals.		Clearances.	
	Vessels.	Tonnage.	Vessels.	Tonnage.
1884.....	54	87,771	9	13,052
1885.....	40	66,702	10	13,979
1886.....	33	59,808	9	11,657
1887.....	41	64,956	13	22,068
1888.....	40	62,318	10	12,947
1889.....	45	79,771	12	19,905
1890.....	49	84,260	16	25,682
1891.....	54	88,412	24	39,890
1892.....	60	111,590	33	57,840
1893.....	38	70,554	29	55,514
1894.....	32	56,180	10	19,082
1895.....	24	45,508	6	12,818
1896.....	28	57,698	10	18,743
1897.....	46	92,260	12	19,851
1898.....	51	64,620	7	14,779
1899.....	22	44,665	4	7,402
1900.....	22	49,910	2	4,758
1901.....	15	40,053	10	26,914
1902.....	21	71,434	8	23,822
1903.....	24	77,918	8	11,918
1904.....	24	101,043	11	35,326

The volume of the freight movement between San Francisco and the Atlantic States by rail is not obtainable for recent years, but in order to show the rapid growth of overland traffic as compared with the stationary condition of the movement via Panama to the Eastern States, the following figures showing the freight movement over the Central Pacific and Southern Pacific lines for a series of years prior to 1895, from all centers of freight accumulations in California, are submitted:

Year.	Eastbound.	Westbound.
	Pounds.	Pounds.
1884.....	308,141,950	413,905,730
1885.....	382,871,840	373,970,110
1886.....	553,213,840	569,835,580
1887.....	500,741,890	707,378,590
1888.....	561,496,950	720,664,660
1889.....	551,490,820	714,428,380
1890.....	699,382,075	664,149,935
1891.....	806,422,000	671,406,000
1892.....	945,752,000	850,646,000
1893.....	1,179,546,000	888,676,000
1894.....	1,320,926,130	950,174,300

As far as can be learned from the merchants of San Francisco there are few commodities which can be shipped from this city to the Atlantic States to better advantage via the Panama route than by transcontinental lines. The rates via Panama seem to be so adjusted that the small saving in freight charges is not sufficient to warrant the risk of damage or breakage in the several handlings required during transportation. Personal expressions of opinion upon this subject have been obtained from a number of the leading importing and exporting firms of San Francisco. These statements are based on actual experience in a number of representative lines of business which are sufficiently varied to be considered as a guide, and equally applicable to many other branches of trade not specifically mentioned. Details are as follows:

PAINTS, OILS AND GLASS.

No freight in these lines, originating in San Francisco, is shipped to Eastern States or Europe. All these commodities are imported here in large quantities. Only a small portion—say, 5 per cent—comes from the Atlantic States via Panama. The balance comes from the Atlantic Coast by rail, and that from Europe comes via Straits of Magellan. That portion originating in the Mississippi Valley comes by rail. Routes named are preferred to Panama because there is less probability of damage by breakage or leakage, and this more than offsets the question of time.

Freight rates, carload lots, by rail, on plate glass, \$1.50 per 100 lbs.; window glass, 90 cents and paints 90 cents per 100 lbs. Panama rates, paints and varnishes, 72 cents per 100 lbs.; lubricating oils, 50 cents per 100 lbs. By Straits of Magellan the rate is \$10 to \$15 per ton.

CANNED SALMON.

Only a small part of the 60,000 to 70,000 tons exported annually goes by Panama. About one-third is shipped by sailing vessels via Straits of Magellan to Europe, and the other two-thirds is shipped by rail to other parts of the

United States. Shipments are occasionally made to New York via Straits of Magellan. Present rail rates to the Atlantic Coast are 75 cents per 100 lbs in carload lots.

QUICKSILVER.

Some small quantities are shipped to New York via Panama, probably an average of 3,000 flasks per year for the last few years. Shippers claim that where time is a factor, the benefit of lower freight rate is infinitesimal. The bulk of shipments go by rail. As opportunity occurs, shipments are made via Straits of Magellan at rates lower than via the isthmus.

DRIED FRUITS.

Climatic conditions are a barrier to shipments of some varieties of fruit via Panama, but aside from that fact the present small differences in freight rates between the overland railroad and Panama railroad would not justify the use of the latter route. The climate is a serious objection which cannot be overcome, and occasionally small shipments of fruit, apparently well packed in paper-lined boxes, have arrived at destinations in a partially damaged state.

CANNED FRUITS AND VEGETABLES.

These commodities are largely shipped by sail to Atlantic States and Europe via Straits of Magellan. Panama rates would have to be considerably reduced in order to compete for the traffic. Packers can furnish but little information beyond saying that the canneries are nearly all in the interior and distant from San Francisco, thus causing a local charge for freight and cartage where goods are placed on board a steamer bound for Panama. The further fact is also cited that goods going in this way are subjected to several handlings on account of lightering at Panama and movement to and from cars, thus causing more or less damage, and the freight rates being so near the overland rail figure make it advisable for canners to ignore the Panama route.

SALT SALMON AND CODFISH.

This stock could not be shipped via Panama because of unfavorable effect of the climatic conditions. If the fish were packed in sealed and lined boxes it would probably safeguard the goods, but the bulk of the stock is not so packed, and it is moved overland in carload lots in 12 to 16 days' time at rates only a trifle above the rate via Panama, which would require 23 to 30 days' time.

WINES AND BRANDIES.

Not more than one-half of the wines and brandies shipped from San Francisco to the Atlantic States is forwarded by sea, and only about one-fourth of that goes by Panama. If there were regular steamers plying between Colon and New Orleans, fully one-third of all the wine and brandy forwarded could go via Panama. With the present limited steamer service on the Atlantic side, about all the wine practicable to ship via Panama is now going that way. Wine is now shipped by rail to the Mississippi Valley points at 75 cents per 100 lbs., and to the Atlantic Coast for 85 cents per 100 lbs. The only reason that freight is shipped by other routes than Panama is that the greater convenience of shipping points and handling makes it more economical to ship by rail than sea.

HOPS.

Large quantities are exported from California, but the bulk of shipments is by railroad, which charges a rate of \$2.00 per 100 lbs. to all main Missouri River and Mississippi River points, and a through rate of \$2.60 per 100 lbs. via rail to the Atlantic seaboard points and thence by steamer to London. Hops would not stand shipment via Panama, because of the climate, unless in sealed boxes, while they are shipped by the transcontinental lines in bales and are free from all the extra handling that would be necessary via Panama.

BOOTS AND SHOES.

In this line shipments to the East are small, but the quantities of raw material coming West are large, and consider-

able quantities of manufactured goods are also received here. Fully 98 per cent of all such freight comes to San Francisco by rail, the freight rate being \$2.50 per 100 lbs. At least 90 per cent of all this freight could come by the Panama route if there was a regular schedule of sailings and a rate of \$1.50 per 100 lbs. or less was established. The present small difference in rates by rail and via Panama does not warrant the use of the isthmus route.

PAPER, CARDBOARD, TWINES, ETC.

There are no shipments worth mentioning in this line of business from San Francisco eastward, but considerable quantities come from the Atlantic States to San Francisco. Of these shipments less than one-quarter come by way of the Panama route, the percentage division being 69 per cent by transcontinental railroad, 24 per cent via Panama and 7 per cent via Straits of Magellan. Rates by rail are 75 cents to \$1.20 per 100 lbs. by Panama; 60, 72 and 96 cents per 100 lbs., depending on the goods, and by Straits of Magellan 50 to 65 cents per 100 lbs. Only goods in cases can go by Panama, bundle and crate goods being unable to stand the handling. All bundle goods that can come or go overland in a box car without transfer for 75 cents per 100 lbs., as compared with present rates via Panama, will move that way in preference to either Panama or Straits of Magellan route.

REDWOOD LUMBER AND SHINGLES.

There are about 2,500 carloads of redwood lumber and about 1,800 carloads of shingles shipped annually from California to the Atlantic States. The shipments from Humboldt Bay by sea to the Atlantic States and Europe aggregate about 4,000,000 feet yearly. Less than 10 per cent of the exports by sea goes via Panama for the reason that the frequent rehandling damages high-grade lumber. The shipments via Panama are so small that it is safe to say practically all the shipments for the Eastern States go by transcontinental railroad. The rail rates from Atlantic

ports to points in the Eastern States where redwood lumber is most largely used, are too high to permit shipment via Panama. By rail, the rate is 60 cents per 100 lbs. to Chicago, Kansas City, Omaha and kindred points, while to New York, Boston, Philadelphia and common points the rate is 67 cents per 100 lbs. Time required, 20 to 30 days.

HARDWOOD LUMBER AND WAGON MATERIALS.

In this line of business the traffic is almost entirely from east to west. All shipments come by rail because of the liability to breakage when shipped via Panama, and the present difference in freight charges is not commensurate with the risk; besides, by rail it takes 35 days less time. Much of this hardwood lumber comes from the Mississippi Valley—say about 4,000 tons—and nearly the same quantity from far-eastern points. From the Atlantic States probably 20 per cent of the rough material comes via Panama, and about as much more via Straits of Magellan. The balance comes by rail.

IRON AND STEEL.

Large quantities are shipped annually from the Atlantic and Gulf States westward to California. Only small quantities come via the Panama route—certainly not over 20 per cent all told. The rest comes by rail, excepting occasional shipments via Straits of Magellan. The present freight rate on iron and steel from New York via Panama is 45 cents per 100 lbs. Same articles by rail pay 75 cents per 100 lbs. Hardware, horseshoes and similar class ironware come via Panama for 20 per cent less than the overland railroad rate, but when the extra time and possibility of damage are considered the difference is scarcely an object to the importer.

AGRICULTURAL TOOLS AND IMPLEMENTS.

There is practically no movement of these commodities to the Atlantic States from California, but San Francisco ships liberal quantities to Spain, the Argentine Republic and occa-

sionally to Southern Russia. All these shipments are successfully forwarded via the Panama route. To Spain the shipments have embraced traction engines, plows, combined harvesters and many varieties of agricultural implements. For the past year or more the Argentine has been mostly supplied from New York because of the lack of direct lines from San Francisco or Colon.

A careful consideration of all the data obtainable brings the subject down to the point of determining what is the most practical and at the same time beneficial course that will promote the commercial interests of San Francisco and the Pacific Coast in the years to come, with reference to freight traffic via the Isthmus of Panama. For many years the Pacific Mail Steamship Company has maintained a regular steam service between this port and Panama under an exclusive agreement with the Panama Railroad Company. The United States Government has acquired ownership of the Panama Railroad Company's line and also the steamship line plying between Colon and New York, and notice has been served on the Pacific Mail Company that its contract with the Panama Railroad Company will be cancelled on July 12, 1905.

Various opinions have been advanced as to what should be done for the future, but there is really but one object to be attained, and that is the adoption of such course as will make the Panama route more advantageous for the movement of freight than under the conditions heretofore existing.

In reaching a satisfactory conclusion, there are certain elements of fact which must be borne in mind:

First—The present freight schedule via Panama is apparently based on the overland railroad freight schedule, the charges of the former varying from 78 per cent to 90 per cent, with an average of about 83 per cent of the latter; in other words, the differentials in favor of the Panama route, with its thirty-day trip, as compared with the trans-continental route with its fourteen-day trip, are so small that the shipper either east or west does not consider the

saving sufficient to cover risk of damage or breakage in the necessary several handlings of the goods via Panama.

Second—A regular schedule of sailing dates would seem to be a necessity. This would enable shippers to order definite quantities per steamer without straining their storage facilities at New York or other Eastern centers. If an open service were established, giving as satisfactory sailing dates as has the Pacific Mail Company's service and doing the business on a lower basis of freight rates, it would prove a very desirable arrangement, and the traffic via Panama would be greatly enlarged.

Third—The ability to transport freight via Panama does not rest with the steamers alone. Numerous steamships with large carrying capacity can be readily obtained, but the quantity of tonnage will be measured by the ability of the Panama Railroad to handle it. That Company has already a very large business to handle with South America, west coast of Central America, Mexico and California, and its facilities should be enlarged to meet the increasing traffic over this road. There have been frequent instances in recent years when there has been a great freight congestion on the Isthmus. Now, there is a new question of importance—the building of the Panama Canal. This work will require at least ten years, and with the enormous quantities of machinery, supplies for labor and material of construction, will not the government business be so voluminous that, with present facilities, the ability of the railroad to handle this tonnage and the through freight be largely diminished? Should the present line be double-tracked it would still be a question as to whether the additional facilities would admit of much increase in general freights, aside from the requirements occasioned by canal construction.

Fourth—It is generally conceded that a line of steamers plying between San Francisco and Panama is a commercial necessity. In this connection merchants favor a service with a regular schedule to the one without schedule. Such schedule is warranted by trade requirements, and should be maintained by one or more companies, with a fixed tariff based

upon a fair revenue, which would provide more equitable rates on freight. Regular established rates would doubtless better serve the commercial interests of San Francisco than open competition in rates which might fluctuate to a degree that would be disastrous.

Fifth—If it can be accomplished without violation of treaty obligations, none of the Mexican and Central American tonnage now carried by American vessels should be allowed to go to foreign vessels, as it would leave the American line with only New York and San Francisco through business to live on. Receipts from way freights increase the earnings of the company and help to reduce the cost of New York and California business. If the way traffic were surrendered to foreign lines it would increase the cost of the United States interstate business and impair a service which fifty years of active operation has demonstrated should be improved.

Sixth—The canal is now being built by American enterprise, and American steamships should control the traffic of the Isthmus until the day America opens the portals of the Panama Canal to our country's new merchants marine and the commerce of the world.

We are strongly opposed to government ownership or operation of steamship lines for commercial purposes, and we recommend the National Government adopting such measures as will foster the establishment and maintenance of regular lines of American steamships operated by private American enterprise.

Respectfully submitted,

WM. R. WHEELER,
W. J. DUTTON,
RUFUS P. JENNINGS,
Committee.

CORRESPONDENTS

Annual reports are exchanged with the following commercial organizations, and are furnished to all Foreign Consuls, local commercial and industrial associations and libraries. Members of the Chamber of Commerce of San Francisco traveling abroad will be furnished with a circular letter of introduction on application to the Secretary.

The American Chamber of Commerce, Paris, France.
The Chamber of Commerce of Calais, Calais, France.
The Chamber of Commerce of Havre, Havre, France.
The Camera do Comercio, Oporto, Portugal.
The Chamber of Commerce, London, England.
The Chamber of Commerce, Liverpool, England.
The Chamber of Commerce, Glasgow, Scotland.
The Chamber of Commerce, Bristol, England.
The Chamber of Commerce, Southampton, England.
The Chamber of Commerce, Genoa, Italy.
The Chamber of Commerce, Sydney, N. S. W.
The Chamber of Commerce, Melbourne, Australia.
The Chamber of Commerce, Geelong, Australia.
The Chamber of Commerce, Auckland, New Zealand.
The Hongkong Chamber of Commerce, Hongkong, China.
The Yokohama Foreign Chamber of Commerce, Yokohama, Japan.
The Chamber of Commerce, Adelaide, South Australia.
The Chamber of Commerce, Canterbury, New Zealand.
The Chamber of Commerce of Bengal, Calcutta, India.
The Chamber of Commerce, Hamburg, Germany.
The Vancouver Board of Trade, Vancouver, B. C.
The British Columbia Board of Trade, Victoria, B. C.
The Chamber of Commerce, Newcastle, Australia.
The British Chamber of Commerce, Paris, France.
The Chamber of Commerce of the State of New York, New York, N. Y.
The Chamber of Commerce, Boston, Mass.
The Board of Trade and Transportation, New York, N. Y.
The Philadelphia Maritime Exchange, Philadelphia, Pa.
The Baltimore Board of Trade, Baltimore, Md.
The Chamber of Commerce, New Orleans, La.
The Chamber of Commerce, Cincinnati, Ohio.
The New York Produce Exchange, New York, N. Y.

The Chamber of Commerce, Savannah, Ga.
The Chamber of Commerce, Galveston, Tex.
The Chicago Board of Trade, Chicago, Ill.
The Peoria Board of Trade, Peoria, Ill.
The Pittsburg Chamber of Commerce, Pittsburg, Pa.
The Chicago Chamber of Commerce, Chicago, Ill.
The Bath Board of Trade, Bath, Me.
The Chamber of Commerce, Sault Ste. Marie, Mich.
The Merchants' Exchange, St. Louis, Mo.
The Omaha Board of Trade, Omaha, Neb.
The Board of Trade, Newark, N. J.
The Chamber of Commerce, Cleveland, Ohio.
The Philadelphia Board of Trade, Philadelphia, Pa.
The Chamber of Commerce, Richmond, Va.
The Chamber of Commerce, Aberdeen, Wash.
The Chamber of Commerce, Spokane, Wash.
The Chamber of Commerce, Tacoma, Wash.
The Chamber of Commerce, Seattle, Wash.
The Humboldt County Chamber of Commerce, Eureka, Cal.
The Portland (Ore.) Chamber of Commerce, Portland, Ore.
The Astoria Chamber of Commerce, Astoria, Ore.
The Chamber of Commerce, Los Angeles, Cal.
The Chamber of Commerce, San Diego, Cal.
The Chamber of Commerce, Salt Lake City, Utah.
The Oakland Board of Trade, Oakland, Cal.
The Fresno Chamber of Commerce, Fresno, Cal.
The Sacramento Board of Trade, Sacramento, Cal.
The Stockton Board of Trade, Stockton, Cal.
The Board of Trade of San Francisco, San Francisco, Cal.
The Merchants' Association, San Francisco, Cal.
California State Board of Trade, San Francisco, Cal.
Milwaukee Chamber of Commerce, Milwaukee, Wis.
Merchants' Exchange, Memphis, Tenn.
Chamber of Commerce of Amsterdam.
Chamber of Commerce of Bulawayo, Matabebeland, South Africa.
Parliamentary Library, Ottawa.
New York State Library, Albany, N. Y.
Chamber of Commerce, Edinburgh, Scotland.
Chamber of Commerce, Johannesburg, S. A. R.
Perth Chamber of Commerce, Western Australia.
Chamber of Commerce, New Haven, Conn.
Chamber of Commerce, Bremen, Germany.
Commercial and Industrial Association, Montgomery, Ala.
Interstate Commerce Commission, Washington.
University of California Library, Berkeley, Cal.
Merchants' and Manufacturers' Association, Baltimore, Md.

Chamber of Commerce and Factory of Ghent.
Board of Trade, Springfield, Mass.
Free Public Library, San Francisco, Cal.
Leland Stanford, Jr., University Library, Palo Alto, Cal.
Staten Island Chamber of Commerce, Staten Island, N. Y.
The State Historical Society of Wisconsin, Madison, Wis.
Nagasaki Chamber of Commerce, Nagasaki, Japan.
Business Men's Association, Pueblo, Colo.
Chamber of Commerce, Kobe, Japan.
Philadelphia Commercial Museum, Philadelphia, Pa.
Imperial University, Kyoto, Japan.
University of Pennsylvania, Philadelphia, Pa.
American Chamber of Commerce, Manila, P. I.
Yokohama Chamber of Commerce (Japanese), Yokohama, Japan.
Chamber of Commerce, Kyoto, Japan.
The Commercial Club, St. Paul, Minn.
Wellington Harbor Board, Wellington, N. Z.
Commercial Club, Cedar Rapids, Iowa.
Tokyo Chamber of Commerce Yaesucho, Tokyo, Japan.
National Board of Trade, Philadelphia, Pa.
Manila Chamber of Commerce, Manila, P. I.
Boston Merchants' Association, Boston, Mass.
Chamber of Commerce, Buffalo, N. Y.
The American Chamber of Commerce in Berlin, Germany.
The Netherland Chamber of Commerce in America, 68 Broad St.,
The Commercial Club of Fargo, N. D.
Deutsches Export-Informationen-Bureau, Cologne, Germany.
Chamber of Commerce, Bordeaux, France.
Portland Commercial Club, Portland, Ore.

IN MEMORIAM

NAME.	DIED.
MORRIS UPHAM BATES...	Nov. 21, 1906
GEO. F. GRANT.....	Nov. 21, 1906
C. S. HOLMES.....	Dec. 24, 1906

**FORM OF CALL FOR MEETING OF THE
CHAMBER OF COMMERCE.**

Hon.....

President Chamber of Commerce of San Francisco:

Sir—The undersigned, in accordance with Article 1 of the
By-Laws, respectfully request that you will call a Special
Meeting of the Chamber on.....19...., at.....
o'clock for the purpose of.....
and we hereby agree to attend said meeting personally.

(To be signed by at least five members.)

ANNUAL STATISTICS

COMPILED FOR THE

Chamber of Commerce of San Francisco

For the Year ending December 31, 1906

A COMMERCIAL AND FINANCIAL RECORD WITH
COMPARATIVE FIGURES.

THE TRADE OF SAN FRANCISCO AND ESTIMATES
YIELD OF THE LEADING PRODUCTS
OF CALIFORNIA.

BANK CLEARINGS

The monthly clearings at the San Francisco Clearing House during 1906, in comparison with the two preceding years, make the following showing:

MONTHS	1906	1905	1904
January	\$ 185,519,862 09	\$ 138,208,835 80	\$127,163,873 16
February	156,271,911 56	120,390,215 49	108,451,949 51
March	199,665,648 33	153,225,603 74	126,304,737 63
April	107,847,591 36	148,828,672 24	121,241,900 71
May	50,620,020 87	146,281,510 91	119,206,297 57
June	132,615,554 48	148,980,164 44	125,050,586 69
July	163,268,204 46	147,706,598 26	123,352,200 96
August	188,465,609 49	162,138,490 17	129,529,786 46
September	185,499,838 13	163,249,896 63	130,329,020 85
October	206,989,793 02	170,212,390 10	140,984,629 35
November	218,367,350 77	168,150,258 22	142,675,669 46
December	203,269,394 90	167,177,152 51	140,340,484 38
Totals	\$1,998,400,779 06	\$1,834,549,788 51	\$1,534,631,136 73

The total Clearings and Balances since the organization of the Clearing House and average daily Clearing for each year are as follows:

YEAR	CLEARINGS	BALANCES	DAYS	AVERAGE DAILY CLEARING
1878	\$ 715,329,319 70	\$151,888,434 05	306	\$2,337,677 50
1879	553,953,955 90	129,561,079 52	305	1,816,242 50
1880	486,725,953 77	118,046,934 94	304	1,601,072 20
1881	598,696,832 35	125,388,744 81	304	1,969,397 50
1882	629,114,119 81	108,487,872 15	303	2,076,284 20
1883	617,921,853 51	107,269,494 53	304	2,032,637 70
1884	556,857,691 03	95,275,201 49	304	1,831,768 72
1885	562,344,737 93	100,460,388 52	305	1,843,753 24
1886	642,221,391 21	105,832,828 47	301	2,133,625 88
1887	829,181,929 86	129,474,942 72	303	2,736,574 02
1888	836,735,954 39	123,271,533 66	305	2,743,396 57
1889	843,386,150 94	126,765,916 49	304	2,780,807 50
1890	851,066,172 60	118,824,559 86	302	2,818,099 91
1891	892,426,712 61	123,033,279 27	306	2,913,159 19
1892	815,368,724 41	110,364,511 10	304	2,682,133 96
1893	699,285,777 88	91,744,516 81	304	2,300,282 16
1894	658,526,806 13	88,426,316 52	303	2,173,355 79
1895	692,079,240 23	98,291,742 10	305	2,269,112 26
1896	683,229,599 26	90,491,491 73	304	2,247,465 79
1897	750,789,143 91	96,115,599 66	305	2,461,603 75
1898	813,153,024 00	103,329,265 56	303	2,683,673 35
1899	971,015,072 23	121,228,735 39	303	3,204,670 21
1900	1,029,582,594 78	118,157,405 71	303	3,397,962 36
1901	1,178,169,536 30	138,515,989 73	304	3,875,557 68
1902	1,373,362,025 31	166,234,644 08	303	4,532,547 94
1903	1,520,200,682 07	177,810,822 37	305	4,984,264 53
1904	1,534,631,136 73	170,617,891 90	305	5,031,577 49
1905	1,834,549,788 51	187,250,604 74	304	6,034,703 25
1906	1,998,400,779 06	217,625,954 70	288	6,938,891 59

The volume of San Francisco's bank clearings, in comparison with the clearings of all other Pacific and far western cities, where clearing houses are established, makes the following showing for the past three years:

CITIES	1906	1905	1904
San Francisco.....	\$1,998,400,779	\$1,834,549,789	\$1,534,631,137
Los Angeles.....	578,634,517	479,985,298	345,343,956
Seattle.....	485,920,021	301,600,202	222,217,308
Portland.....	281,170,796	228,402,713	189,051,470
Salt Lake City	288,175,013	211,597,740	156,434,475
Tacoma	204,962,372	164,955,054	115,793,959
Spokane.....	228,452,196	164,099,092	124,168,971
Helena	42,013,396	39,404,842	32,928,054
Fargo	26,268,270	32,750,011	26,995,397
Sioux Falls	19,639,906	15,679,285	13,906,304
Denver	349,774,100	327,957,696	235,725,730
Colorado Springs...	35,903,905	34,128,923	25,623,105
Oakland.....	120,853,367	Not included	Not included
San Jose.....	10,969,524	Not included	Not included
Totals	\$4,539,315,271	\$3,835,110,645	\$3,022,819,866

The aggregate increase for 1906 over the previous year for all the above named cities was \$704,204,626.

The position of San Francisco, with reference to bank clearings, among the leading cities of the United States during the past three years, is shown as follows:

CITIES	1906	1905	1904
New York.....	\$104,675,828,656	\$93,822,060,202	\$68,649,418,673
Chicago	11,043,311,894	10,141,765,732	8,989,983,764
Boston.....	8,335,346,113	7,655,225,997	6,631,546,802
Philadelphia.....	7,686,966,980	6,928,655,686	5,776,306,569
St. Louis.....	2,972,653,307	2,899,798,979	2,793,233,918
Pittsburg	2,640,847,046	2,506,069,216	2,063,226,830
San Francisco.....	1,998,400,779	1,834,549,789	1,534,631,137
Baltimore	1,444,859,075	1,290,165,759	1,128,116,473
Cincinnati.....	1,310,435,600	1,204,529,550	1,222,815,350
Kansas City	1,331,675,055	1,197,905,567	1,097,887,156
New Orleans.....	1,020,252,303	962,771,960	970,928,984
Cleveland.....	837,548,334	774,678,269	694,092,850

In bank clearings San Francisco ranks seventh among the cities of the country. All these cities have maintained their same numerical position for several years past.

SAN FRANCISCO COMMERCIAL BANKS

The condition and affairs of the Commercial Banks in San Francisco, on the dates named, as reported to the Board of Bank Commissioners, make the following showing:

Resources	Dec. 31, 1906 40 Banks	Dec. 30, 1905 32 Banks
Bank Premises	\$ 3,402,383 89	\$ 3,359,840 90
Other Real Estate	1,501,625 62	1,340,792 16
Miscellaneous Bonds and Stocks.....	18,067,421 59	13,781,876 20
Loans on Real Estate.....	8,528,175 64	7,582,940 23
Loans on Stocks, Bonds and Warrants and other securities.....	76,107,041 49	55,606,387 03
Money on hand	15,231,535 91	16,551,454 89
Due from Banks and Bankers.....	32,167,196 19	21,531,690 79
Other Assets	2,151,343 14	1,656,491 06
Totals	\$157,156,723 44	\$131,409,473 26

Increase in Resources during 1905—\$4,035,232.22.

Increase in Resources during 1906—\$25,747,250.18.

Liabilities	Dec. 31, 1906 40 Banks	Dec. 30, 1905 32 Banks
Capital paid in coin	\$ 18,668,930 32	\$19,028,259 23
Reserve Fund, Profit and Loss	16,338,892 74	13,444,999 18
Due Depositors.....	101,901,692 88	80,874,847 38
Due Banks and Bankers.....	16,876,991 37	14,098,185 45
Other liabilities	3,370,216 13	3,963,182 02
Totals	\$157,156,723 44	\$131,409,473 36

Increase in Deposits during 1905—\$9,414,285.17.

Increase in Deposits during 1906—\$21,026,845.50.

Resources and deposits during the nine preceding years, as shown by official statements were as follows:

Date	Resources	Deposits
1904—January 5.....	\$127,374,241 04	\$71,460,562 21
1903—January 23.....	117,476,092 25	65,122,974 68
1902—December 31	109,294,865 96	67,853,182 53
1901—December 31	90,185,766 73	55,545,547 72
1900—December 31	76,543,241 09	46,270,737 20
1899—November 29.....	74,918,939 00	44,011,228 00
1898—December 31	64,122,154 00	34,516,310 00
1897—November 30.....	73,401,306 00	37,053,416 00
1896—November 30.....	68,339,005 00	30,178,548 00

SAN FRANCISCO SAVINGS BANKS

Detailed statements of the condition and affairs of the Savings Banks in San Francisco on the dates named make the following showing:

Resources	Dec. 31, 1906 14 Banks	Dec. 30, 1905 12 Banks
Bank Premises	\$ 2,808,211 04	\$ 2,705,192 04
Real Estate	1,024,105 61	1,801,991 82
Bonds, Stocks and Warrants	59,926,699 80	65,858,254 42
Loans on Real Estate	89,215,999 54	99,306,965 14
Loans on Stocks, Bonds, Warrants, etc.	8,172,002 23	4,784,524 76
Money on hand	8,151,893 36	3,988,804 15
Due from Banks and Bankers	5,670,401 69	3,496,408 46
Other assets	339,911 10	413,286 45
Totals	\$175,309,224 27	\$182,355,427 24

Increase in Resources during 1905—\$10,174,496.66.

Decrease in Resources during 1906—\$7,046,202.97.

Liabilities	Dec. 31, 1906 14 Banks	Dec. 30, 1905 12 Banks
Capital paid in Coin	\$ 5,280,000 00	\$ 5,135,000 00
Reserve Fund, Profit and Loss, etc.	7,544,525 72	7,229,655 42
Due Depositors	160,965,128 50	169,538,244 13
Due Banks and Bankers	1,086,234 97	25,028 50
Other liabilities	433,335 18	427,499 19
Totals	\$175,309,224 27	\$182,355,427 24

Increase in Deposits during 1905—\$9,511,380.98.

Decrease in Deposits during 1906—\$8,573,115.63.

Resources and deposits during the nine preceding years, as shown by official statements, were as follows:

Date	Resources	Deposits
1905—January 5	\$172,180,930 58	\$160,026,863 15
1904—January 23	166,466,773 65	154,906,701 98
1902—December 31	154,762,790 48	144,295,034 57
1901—December 31	143,524,996 39	133,430,482 77
1900—December 31	134,498,940 61	124,580,434 81
1899—November 29	127,317,067 00	115,688,396 00
1898—December 31	119,548,502 00	110,001,652 00
1897—November 30	113,882,945 00	102,119,990 00
1896—November 30	112,877,677 00	100,851,482 00

NATIONAL BANKS

The condition of the National Banks in San Francisco on the dates named was as follows:

Resources	Jan. 26, 1907 11 Banks	Jan. 29, 1906 10 Banks
Loans and Discounts	\$ 62,891,290 63	\$50,517,194 33
Overdrafts	176,059 74	701,901 94
U. S. Bonds for circulation.....	12,300,000 00	11,550,000 00
U. S. Bonds to secure deposits	6,460,000 00	900,000 00
Other Bonds to secure U. S. deposits	285,825 23	.....
U. S. Bonds on hand	301,100 00	300,600 00
Premium on U. S. Bonds	571,068 13	464,929 37
Stocks, securities, claims, etc.....	8,194,908 24	6,697,980 94
Banking houses and fixtures	954,643 85	927,295 94
Other Real Estate and Mortgages.....	740,999 71	.....
Due from other National Banks	4,540,651 50	3,097,293 28
Due from State Banks	6,771,376 83	3,988,230 79
Due from Reserve Agents	8,291,064 86	5,873,468 54
Checks and other cash items	209,006 90	156,195 83
Exchanges for clearing house.....	2,453,223 08	2,151,926 79
Bills of National Banks	89,928 00	93,825 00
Fractional currency.....	12,020 73	14,005 05
Specie.....	11,440,677 20	10,030,765 50
Legal tender notes.....	147,842 00	48,045 05
Five per cent Redemption Fund.....	585,000 00	577,500 00
Due from U. S. Treasurer.....	.....	2 50
Total Resources	\$127,416,686 63	\$98,091,160 80

Increase in Resources during 1905—\$37,082,979.41.

Increase in Resources during 1906—\$29,325,525.83.

Liabilities	Jan. 26, 1907 11 Banks	Jan. 29, 1906 10 Banks
Capital paid in	\$ 12,800,000 00	\$12,500,000 00
Surplus Fund	7,227,072 01	6,926,000 00
Undivided profits.....	1,272,178 10	784,940 30
Notes in circulation	12,064,485 00	11,540,447 50
Due to National Banks	10,638,638 93	8,505,411 35
Due State Banks.....	13,938,929 26	9,010,740 62
Due to trust companies	7,885,573 84	8,748,310 13
Due to reserve agents.....	146,659 05	240,689 68
Dividends unpaid.....	13,060 00	13,325 00
Individual deposits	52,135,272 08	36,954,152 28
United States deposits	6,714,988 36	870,012 87
Deposits U. S. disb. officers.....	9,830 00	9,315 00
Bonds borrowed.....	2,570,000 00	.....
Other liabilities.....	.....	1,987,816 07
Total liabilities	\$127,416,686 53	\$98,091,160 80

Increase in individual Deposits during 1905—\$14,490,336.16.

Increase in individual Deposits during 1906—\$15,181,119.80.

INTERIOR COMMERCIAL BANKS

The condition and affairs of the Commercial Banks in California, outside of San Francisco, on the dates named, is as follows:

RESOURCES	Dec. 31, 1906 290 Banks	Dec. 30, 1905 251 Banks
Bank Premises	\$ 4,605,080 26	\$ 3,837,920 81
Other Real Estate	3,208,800 06	3,439,667 88
Stocks and Bonds	14,797,699 56	12,346,634 67
Loans on Real Estate	26,341,611 13	22,966,100 01
Loans on Stocks and Bonds and Warrants	66,213,411 52	52,770,779 72
Money on hand	8,985,095 05	6,775,751 24
Due from Banks and Bankers	26,978,251 14	19,386,188 43
Other Assets	2,148,389 64	1,867,462 30
Totals	\$153,278,338 36	\$123,390,505 06

Increase in Resources during 1905—\$19,853,135.65.

Increase in Resources during 1906—\$29,887,833.30.

LIABILITIES	Dec. 31, 1906 290 Banks	Dec. 30, 1905 251 Banks
Capital paid up	\$ 25,640,140 18	\$ 23,945,628 59
Reserve Fund	11,981,646 52	10,951,910 14
Due Depositors	108,579,935 49	83,686,913 19
Due Banks	5,969,752 51	3,547,801 80
Other Liabilities	1,106,863 66	1,258,251 34
Totals	\$153,278,338 36	\$123,390,505 06

Increase in Deposits during 1905—\$14,062,789.17.

Increase in Deposits during 1906—\$24,893,022.30.

Resources and deposits during the nine preceding years, as shown by official statements, were as follows:

DATE	RESOURCES	DEPOSITS
1905—Jan. 5	\$103,537,369 41	\$69,624,124 02
1904—Jan. 23	96,838,555 30	64,446,518 63
1902—Dec. 31	99,490,751 68	67,343,234 20
1901—Dec. 31	82,336,933 28	52,943,472 16
1900—Dec. 31	75,680,459 00	46,570,773 00
1899—Nov. 29	71,225,438 00	42,932,631 00
1898—Dec. 31	62,996,189 00	34,928,599 00
1897—Nov. 30	62,973,135 00	34,482,929 00
1896—Nov. 30	57,132,803 00	28,395,729 00

INTERIOR SAVINGS BANKS

The condition and affairs of the Savings Banks in California, outside of San Francisco, on the dates named is as follows:

RESOURCES	Dec. 31, 1906 115 Banks	Dec. 30, 1905 101 Banks
Bank Premises	\$ 2,214,578 89	\$ 1,654,292 73
Other Real Estate	1,099,094 67	1,305,775 08
Bonds and Stocks	21,150,138 21	16,541,463 16
Loans on Real Estate	75,360,055 40	59,143,064 03
Loans on Stocks, Bonds, etc	11,945,561 46	7,331,397 30
Money on hand	5,565,846 82	2,640,028 46
Due from other banks	21,012,345 25	13,381,631 08
Other Assets	796,845 18	809,578 96
Total Assets	\$139,144,465 88	\$102,807,230 80

Increase in Resources during 1905—\$19,333,811.13.

Increase in Resources during 1906—\$36,337,235.08.

LIABILITIES	Dec. 31, 1906 115 Banks	Dec. 30, 1905 101 Banks
Capital paid up	\$ 8,560,810 00	\$ 6,990,172 00
Reserve Fund and Profit and Loss	4,287,047 63	3,626,339 16
Due Depositors	124,954,688 51	91,755,791 00
Due other Banks	942,129 06	186,335 11
Other Liabilities	399,790 68	248,586 53
Total Liabilities	\$139,144,465 88	\$102,807,230 80

Increase in Deposits during 1905—\$17,187,995.53.

Increase in Deposits during 1906—\$33,198,897.51.

Resources and deposits during the nine preceding years as shown by official statements were as follows:

DATE	RESOURCES	DEPOSITS
1905—January 5	\$83,473,419 67	\$74,567,795 47
1904—January 23	71,674,240 63	63,830,055 09
1902—December 31	60,223,114 20	53,753,932 05
1901—December 31	52,356,564 62	46,282,622 70
1900—December 31	45,510,762 00	39,925,483 00
1899—November 29	40,245,204 00	34,317,178 00
1898—December 31	36,730,611 00	31,178,317 00
1897—November 30	34,222,989 00	28,236,146 00
1896—November 30	32,690,001 00	26,474,526 00

PRIVATE BANKS

The condition and affairs of the Private Banks in California, outside of San Francisco, is as follows:

Resources	Dec. 31, 1906 36 Banks	Dec. 30, 1905 30 Banks
Bank Premises	\$ 139,811 04	\$ 101,002 54
Other Real Estate	224,192 54	158,058 38
Bonds and Stocks	552,619 54	415,390 64
Loans on real estate	685,362 38	742,608 10
Loans on stocks and bonds.....	4,424,049 80	2,489,466 24
Money on hand	443,407 59	309,883 47
Due from banks	1,257,620 71	5,285,125 68
Other assets	280,356 60	188,055 78
Total resources	\$7,977,420 20	\$9,689,590 83

Increase in Resources during 1905—\$5,842,700.74.

Decrease in Resources during 1906, \$1,712,170.63.

Liabilities	Dec. 31, 1906 36 Banks	Dec. 30, 1905 30 Banks
Capital paid up.....	\$1,428,013 64	\$ 779,448 25
Reserve fund, profit and loss.....	642,368 72	479,319 18
Due depositors	4,380,794 24	7,452,429 63
Due banks	790,664 96	887,159 44
Other liabilities	735,578 64	91,234 33
Total liabilities	\$7,977,420 20	\$9,689,590 83

Increase in Deposits during 1905—\$5,058,250.64.

Decrease in Deposits during 1906—\$3,071,635.39.

Resources and deposits during the nine preceding years, as shown by official statements, were as follows:

Date	Resources	Deposits
1905—January 5.....	\$3,846,890 09	\$2,394,178 99
1904—January 23.....	3,856,832 79	2,597,920 65
1902—December 31	3,152,474 27	2,170,438 95
1901—December 31	3,143,711 05	1,873,913 44
1900—December 31	2,611,868 00	1,580,710 00
1899—November 29.....	2,905,538 00	1,726,390 00
1898—December 31	2,849,223 00	1,546,109 00
1897—November 30.....	2,920,319 00	1,433,880 00
1896—November 30.....	2,649,736 00	1,074,035 00

BANKING IN CALIFORNIA

The detailed aggregate condition of all the Savings, Commercial and Private banks in California under the supervision of the Bank Commission, was as follows on the dates named:

Resources	Dec. 31, 1906 495 Banks	Dec. 30, 1905 426 Banks
Bank premises	\$ 13,170,065 12	\$ 11,658,249 02
Real estate	7,051,818 50	8,046,285 32
Miscellaneous bonds and stocks	114,464,578 67	108,943,619 09
Loans on real estate	200,131,204 09	189,741,677 51
Loans on stocks, bonds and warrants...	166,862,066 50	132,980,055 05
Money on hand	38,377,778 73	30,265,922 21
Due from banks and bankers	87,085,814 98	63,081,044 44
Other assets	5,716,845 66	4,934,874 55
Totals.....	\$632,866,172 25	\$549,652,227 19

Increase in Resources during 1905—\$59,239,376.40.

Increase in Resources during 1906—\$83,213,945.06.

Liabilities	Dec. 31, 1906 495 Banks	Dec. 30, 1905 426 Banks
Capital paid in coin	\$ 59,577,894 14	\$ 55,878,515 07
Reserve fund	40,794,481 33	35,732,223 08
Due depositors	500,772,239 62	433,308,225 33
Due banks and bankers.....	25,665,772 87	18,744,510 30
Other liabilities.....	6,045,784 29	5,988,753 41
Total liabilities.....	\$632,866,172 25	\$549,652,227 19

Increase in Deposits during 1905—\$55,234,701.49.

Increase in Deposits during 1906—\$67,474,014.29.

Resources and deposits during the nine preceding years, as shown by official statements, were as follows:

Date	Resources	Deposits
1905—January 5.....	\$490,412,850 79	\$378,073,523 84
1904—January 23.....	456,312,494 62	350,904,171 03
1902—December 31	426,923,996 59	335,415,822 30
1901—December 31	371,547,972 07	290,076,038 79
1900—December 31	338,845,271 40	258,928,138 28
1899—November 29	316,612,186 00	238,675,823 00
1898—December 31	286,246,679 00	212,170,957 00
1897—November 30	287,400,694 00	203,326,361 00
1896—November 30	273,689,222 00	186,974,320 00

NATIONAL BANKS

The condition of the National Banks in California on the dates named was as follows:

RESOURCES	Jan. 26, 1907 123 Banks	Jan. 29, 1906 104 Banks
Loans and discounts.....	\$139,637,030 20	\$103,937,105 43
Overdrafts.....	1,504,769 91	1,549,534 17
U. S. bonds for circulation.....	23,248,500 00	20,671,000 00
U. S. bonds to secure deposits.....	8,830,000 10	1,322,000 00
Other bonds to secure U. S. deposits.....	978,784 26	.....
U. S. bonds on hand.....	775,380 00	873,990 00
Premium on U. S. bonds.....	1,037,865 63	836,488 99
Stock securities, claims, etc.....	18,666,037 27	12,601,720 60
Banking houses and fixtures.....	3,953,281 11	3,468,272 20
Other real estate, etc.....	1,003,720 74	257,394 97
Due from other National Banks.....	9,717,487 16	7,607,213 69
Due from State Banks.....	10,888,344 30	8,082,485 50
Due from Reserve Agents.....	24,352,851 34	21,659,190 84
Checks and other cash items.....	1,760,819 85	1,367,597 22
Exchanges for Clearing House.....	3,581,591 16	3,190,563 28
Bills of National Banks.....	494,499 00	449,322 00
Fractional currency.....	45,541 71	38,363 07
Specie.....	24,479,104 82	19,474,686 34
Legal tender notes.....	1,025,831 00	849,970 00
Five per cent redemption fund.....	1,117,315 00	1,025,830 00
Due from U. S. Treasurer.....	2,527 50	3,955 00
Total resources	\$276,091,281 96	\$209,266,683 30

Increase in Resources during 1905—\$65,276,947.00.

Increase in Resources during 1906—\$66,824,598.66.

LIABILITIES	Jan. 26, 1907 123 Banks	Jan. 29, 1906 104 Banks
Capital paid in.....	\$ 27,255,300 00	\$ 24,442,800 00
Surplus fund.....	13,082,455 07	10,572,158 89
Undivided profits.....	4,889,028 21	4,890,573 41
Notes in circulation.....	22,818,845 00	20,512,062 50
Due National Banks.....	14,739,215 30	11,868,702 10
Due to State Banks.....	18,962,566 42	11,530,405 83
Due to trust companies.....	16,548,436 11	14,677,557 56
Due to reserve agents.....	313,918 98	245,165 19
Dividends unpaid.....	44,066 12	41,388 25
Individual deposits.....	143,712,680 34	106,993,459 74
United States deposits.....	9,468,219 51	1,137,844 57
Deposits U. S. disb. officers.....	251,226 28	165,767 85
Bonds borrowed.....	2,735,000 00	.....
Notes and bills discounted.....	40,000 00	.....
Bills Payable.....	730,000 00	137,500 00
Other liabilities.....	501,324 62	2,051,297 41
Total liabilities	\$276,091,281 96	\$209,266,683 30

Increase in individual Deposits during 1905—\$33,128,726.62.

Increase in individual Deposits during 1906—\$36,719,220.60.

PACIFIC OCEAN TRADE

The value of all shipments of domestic and foreign merchandise from San Francisco by sea to foreign countries, the Atlantic States and non-contiguous territory, for each month of the past four years is shown as follows:

EXPORTS	1906	1905	1904	1903
January	\$ 4,038,504	\$ 4,055,920	\$ 3,563,029	\$ 4,179,551
February	3,804,952	3,879,492	3,191,664	3,265,821
March	5,175,861	7,093,994	3,981,815	4,233,533
April.....	3,170,324	5,914,870	4,690,285	4,756,967
May.....	3,892,493	6,022,225	3,193,360	3,164,211
June	3,378,296	5,524,048	3,329,857	2,753,703
July.....	3,062,140	4,669,085	3,365,076	2,935,703
August	2,908,408	5,455,065	3,449,163	5,296,874
September.....	4,750,947	5,820,473	4,723,072	4,174,397
October.....	5,319,543	5,135,437	7,378,825	7,756,786
November	4,755,438	5,548,459	7,639,323	4,892,231
December.....	5,305,497	5,798,437	8,156,012	4,142,472
Totals	\$49,562,403	\$64,918,505	\$56,661,481	\$51,552,249

The monthly total values of all imports of foreign merchandise at San Francisco by sea, for four years past, are shown as follows:

IMPORTS	1906	1905	1904	1903
January	\$ 3,404,578	\$ 4,540,755	\$ 3,050,827	\$ 2,879,178
February	4,101,193	2,845,302	4,450,145	4,159,958
March ..	4,884,221	3,673,754	3,255,618	3,449,475
April.....	3,005,060	3,521,488	2,492,496	2,669,464
May.....	4,039,704	4,219,979	3,009,408	2,650,027
June	3,149,983	3,599,401	2,867,723	2,298,019
July.....	2,812,737	2,397,459	3,198,694	2,464,625
August	3,839,547	4,002,531	3,196,903	3,395,976
September.....	4,525,492	5,156,396	3,447,044	3,154,161
October.....	5,192,054	3,557,388	5,716,494	3,307,912
November	5,501,939	2,983,247	4,831,528	3,039,100
December.....	4,735,870	3,841,511	3,893,100	3,054,292
Totals	\$49,192,378	\$44,339,611	\$43,409,980	\$36,522,187

The aggregate ocean commerce of the port of San Francisco, exclusive of coastwise trade, during the past four years, is as follows:

	1906	1905	1904	1903
Exports	\$49,562,403	\$64,918,505	\$56,661,481	\$51,552,249
Imports	49,192,378	44,339,611	43,409,980	36,522,187
Total Trade....	\$98,754,781	\$109,258,116	\$100,071,461	\$88,074,436

SAN FRANCISCO'S COMMERCE

The annual valuations of merchandise traffic between San Francisco and foreign countries, the Atlantic States and non-contiguous territory for a series of years past are as follows:

EXPORTS		IMPORTS	
YEAR	VALUE	YEAR	VALUE
1857.....	\$ 4,369,758	1857.....	\$ 6,397,354
1858.....	4,770,163	1858.....	7,120,506
1859.....	5,553,411	1859.....	8,007,625
1860.....	8,532,439	1860.....	8,416,681
1861.....	9,888,072	1861.....	8,972,360
1862.....	10,565,292	1862.....	10,781,674
1863.....	12,877,399	1863.....	12,179,320
1864.....	13,271,752	1864.....	13,962,487
1865.....	14,554,496	1865.....	15,271,104
1866.....	17,303,818	1866.....	15,846,070
1867.....	22,465,903	1867.....	16,987,437
1868.....	22,943,340	1868.....	18,723,738
1869.....	20,888,921	1869.....	19,714,001
1870.....	17,848,160	1870.....	19,733,850
1871.....	13,951,149	1871.....	28,736,646
1872.....	23,793,530	1872.....	39,704,754
1873.....	31,160,208	1873.....	33,159,149
1874.....	28,425,248	1874.....	31,529,708
1875.....	33,554,081	1875.....	35,703,784
1876.....	31,314,782	1876.....	37,559,018
1877.....	29,992,393	1877.....	32,276,653
1878.....	34,155,394	1878.....	35,565,139
1879.....	36,564,328	1879.....	34,124,417
1880.....	35,563,286	1880.....	37,240,514
1881.....	53,664,352	1881.....	38,554,923
1882.....	51,752,428	1882.....	44,348,545
1883.....	45,767,373	1883.....	42,219,484
1884.....	37,244,639	1884.....	37,729,402
1885.....	36,102,842	1885.....	36,744,643
1886.....	40,201,727	1886.....	39,582,551
1887.....	35,964,882	1887.....	41,606,685
1888.....	40,825,062	1888.....	48,609,230
1889.....	41,250,921	1889.....	51,288,309
1890.....	39,969,591	1890.....	45,594,125
1891.....	53,887,459	1891.....	53,325,982
1892.....	40,246,608	1892.....	45,607,950
1893.....	33,853,345	1893.....	39,405,028
1894.....	26,410,672	1894.....	38,514,686
1895.....	33,264,861	1895.....	38,925,607
1896.....	43,513,996	1896.....	36,414,862
1897.....	44,280,000	1897.....	40,846,791
1898.....	35,852,544	1898.....	36,063,124
1899.....	38,924,908	1899.....	45,677,924
1900.....	41,419,679	1900.....	39,424,435
1901.....	41,638,410	1901.....	37,267,279
1902.....	47,601,422	1902.....	36,078,270
1903.....	51,552,249	1903.....	36,522,187
1904.....	56,661,481	1904.....	43,409,980
1905.....	64,918,505	1905.....	44,249,211
1906.....	49,562,403	1906.....	49,192,378

EXPORTS OF MERCHANDISE

Comparative values of Domestic merchandise and produce exported to foreign countries from San Francisco by sea during the last three years:

DESTINATION	1906	1905	1904
France	\$ 83,222	\$ 35,012	\$ 8,502
Germany	232,478	118,666	162,548
England.....	4,383,474	3,605,952	5,634,705
Ireland.....	165,301	495,955	2,600,522
Canada.....	238,145	93,420	121,570
British Columbia.....	754,448	956,623	995,849
Costa Rica.....	102,233	119,883	125,632
Guatemala.....	618,092	1,219,170	759,530
Honduras.....	104,307	221,005	134,611
Nicaragua	263,604	355,045	308,232
Salvador.....	384,354	576,452	416,462
Mexico.....	1,315,700	1,611,390	1,508,401
British West Indies	220,132	25,482	18,042
Chile.....	283,919	219,192	86,579
Columbia.....	41,934	57,390	55,097
Ecuador.....	139,242	219,261	119,119
Peru	258,062	337,242	249,355
China	7,314,977	9,883,880	5,187,179
Russian China .....	.....	.....	45,928
British East Indies.....	437,786	37,827	54,699
Dutch East Indies.....	50,253	62,691	41,749
Hongkong.....	1,423,349	1,977,980	3,656,855
Japan	8,748,608	18,548,974	10,475,574
Korea	119,839	118,907	89,274
Asiatic Russia.....	449,672	449,707	120,546
Australasia	2,313,290	3,069,453	3,295,041
Other British Oceanica.....	8,022	13,349	14,098
French Oceanica.....	262,414	320,944	368,507
German Oceanica.....	44,765	82,697	102,646
Philippines	1,152,092	1,356,232	833,786
British South Africa.....	18,514	26,534	34,672
Netherlands.....	4,650	4,800	10,382
Spain.....	.....	2,726	3,043
Sweden.....	500	.....	180
Belgium	169,822	234,555	14,388
Straits Settlements.....	33,205	61,878	51,683
Egypt .....	.....	542	1,080
Italy	32,370	8,775	36,441
Scotland.....	300,178	63,095	180,483
Panama	245,134	256,969	185,145
Siam	9,286	12,198	8,819
Denmark .....	.....	.....	502
French East Indies.....	2,132	12,423	1,060
Cuba.....	.....	8,412	.....
New Zealand	646,385	.....	.....
Miscellaneous.....	94,588	5,816	1,176
Total.....	\$33,470,478	\$46,888,504	\$38,119,692

The values of shipments of domestic merchandise for 1905 forwarded in American vessels were as follows:

Months	Steam	Sail	Totals
January.....	\$ 2,102,909	.....	\$ 2,102,909
February.....	1,408,426	\$ 58,000	1,466,426
March.....	3,604,992	53,311	3,658,303
April.....	2,467,723	4,121	2,471,844
May.....	2,774,324	10,238	2,784,562
June.....	2,139,887	9,877	2,149,764
July.....	2,696,951	67,522	2,764,473
August.....	2,948,386	.....	2,948,386
September.....	2,336,837	20,998	2,357,835
October.....	1,458,336	84,350	1,542,686
November.....	3,475,967	22,971	3,498,938
December.....	3,172,500	86,689	3,259,189
Totals.....	\$30,587,238	\$418,077	\$31,005,315

The valuation of exports by foreign vessels for 1905 were as follows:

Months	Steam	Sail	Totals
January.....	\$ 98,898	\$ 650,805	\$ 746,703
February.....	1,181,168	.....	1,181,168
March.....	1,690,271	105,967	1,796,238
April.....	1,450,610	42,694	1,493,304
May.....	1,554,421	12,770	1,567,191
June.....	1,500,732	22,600	1,523,332
July.....	808,756	12,897	821,653
August.....	764,640	.....	764,640
September.....	774,904	1,107,762	1,882,666
October.....	918,816	1,585,244	2,504,060
November.....	281,043	349,608	630,651
December.....	538,486	433,097	971,583
Totals.....	\$11,559,745	\$4,323,444	\$15,883,189

The values of shipments of domestic merchandise for 1906 forwarded in American vessels were as follows:

Months	Steam	Sail	Totals
January.....	\$ 1,749,631	.....	\$ 1,749,631
February.....	1,635,446	.....	1,635,446
March.....	2,397,590	\$ 5,825	2,403,415
April.....	1,061,707	5,920	1,067,627
May.....	1,579,380	.....	1,579,380
June.....	684,093	1,968	686,061
July.....	1,339,611	3,190	1,342,801
August.....	812,828	6,852	819,680
September.....	1,676,391	.....	1,676,391
October.....	778,052	.....	778,052
November.....	1,385,904	112,990	1,498,894
December.....	2,459,343	.....	2,459,343
Totals.....	\$17,559,976	\$129,893	\$17,696,721

The valuation of exports by foreign vessels for 1906 were as follows:

Months	Steam	Sail	Totals
January.....	\$ 934,932	\$ 126,547	\$ 1,061,479
February.....	848,327	133,100	981,427
March.....	1,063,461	166,098	1,229,559
April.....	616,680	3,573	620,253
May.....	1,009,731	.....	1,009,731
June.....	724,517	649,235	1,373,752
July.....	544,018	13,950	557,968
August.....	593,959	230,576	824,535
September.....	815,978	820,793	1,636,771
October.....	2,650,096	478,293	3,128,389
November.....	970,178	675,121	1,645,299
December.....	503,315	1,201,279	1,704,594
Totals.....	\$11,275,192	\$4,498,565	\$15,773,757

The values of exports of Foreign merchandise from San Francisco by sea during 1905 were as follows:

Months	Free	Dutiable	Totals
January.....	\$ 28,558	\$ 54,297	\$ 82,855
February.....	30,090	16,595	46,685
March.....	19,555	88,275	107,830
April.....	15,058	47,910	62,968
May.....	50,743	25,997	76,740
June.....	11,279	20,477	31,756
July.....	15,438	32,730	48,168
August.....	18,865	38,475	57,340
September.....	39,133	71,995	111,128
October.....	53,909	50,292	104,201
November.....	33,305	35,626	68,931
December.....	9,083	20,822	29,905
Totals.....	\$325,016	\$503,491	\$828,507

Shipments of Domestic and Foreign merchandise combined make the following showing for the year:

Months	Domestic	Foreign	Totals
January.....	\$ 2,849,612	\$ 82,855	\$ 2,932,467
February.....	2,647,594	46,685	2,694,279
March.....	5,454,541	107,830	5,562,371
April.....	3,965,148	62,968	4,028,116
May.....	4,351,753	76,740	4,428,493
June.....	3,673,096	31,756	3,704,852
July.....	3,586,126	48,168	3,634,294
August.....	3,713,026	57,340	3,770,366
September.....	4,240,501	111,128	4,351,629
October.....	4,046,746	104,201	4,150,947
November.....	4,129,589	68,931	4,198,520
December.....	4,230,772	29,905	4,260,677
Totals.....	\$46,888,504	\$828,507	\$47,717,011

The values of exports of Foreign merchandise from San Francisco by sea during 1906 were as follows:

Months	Free	Dutiable	Totals
January.....	\$ 21,229	\$ 13,292	\$ 34,521
February.....	9,023	13,758	22,781
March.....	19,643	20,528	40,171
April.....	6,010	10,621	16,631
May.....	11,790	11,197	22,987
June.....	4,227	22,005	26,232
July.....	10,119	12,424	22,543
August.....	7,156	24,538	31,694
September.....	72,492	12,264	84,756
October.....	10,409	30,579	40,988
November.....	4,552	15,698	20,250
December.....	8,839	18,503	27,342
Totals.....	\$185,489	\$205,407	\$390,896

Shipments of Domestic and Foreign merchandise combined make the following showing for the year:

Months	Domestic	Foreign	Totals
January.....	\$ 2,818,962	\$ 34,521	\$ 2,853,483
February.....	2,616,873	22,781	2,639,654
March.....	3,632,974	40,171	3,673,145
April.....	1,687,880	16,631	1,704,511
May.....	2,589,111	22,987	2,612,098
June.....	2,059,813	26,232	2,086,045
July.....	1,900,769	22,543	1,923,312
August.....	1,637,363	31,694	1,669,057
September.....	3,313,162	84,756	3,397,918
October.....	3,905,441	40,988	3,946,429
November.....	3,144,193	20,250	3,164,443
December.....	4,163,937	27,342	4,191,279
Totals.....	\$33,470,478	\$390,896	\$33,861,374

The shipments from San Francisco to the Atlantic States by sea during the last three years were as follows:

Months	1906	1905	1904
January.....	\$ 274,618	\$ 322,785	\$ 580,260
February.....	361,520	390,486	143,248
March.....	328,674	262,182	363,834
April.....	152,718	305,870	294,342
May.....	196,470	428,580	302,668
June.....	267,386	340,894	270,759
July.....	251,984	204,817	253,525
August.....	307,418	512,013	124,084
September.....	302,196	563,482	670,550
October.....	541,325	136,952	271,905
November.....	379,104	591,894	392,372
December.....	320,840	320,840	990,677
Totals.....	\$3,684,253	\$4,380,795	\$4,658,224

The exports to Tutuila, Samoa, from San Francisco during the last three years were as follows:

Months	1906	1905	1904
January.....	\$10,278	\$ 2,110	\$ 1,666
February.....	3,410	6,532	1,894
March.....	7,206	12,028	4,024
April.....	.....	4,024	3,532
May.....	5,239	5,767	3,922
June.....	989	10,326	3,442
July.....	7,214	4,457	6,477
August.....	4,430	7,398	2,700
September.....	3,816	4,647	2,966
October.....	7,495	8,818	1,811
November.....	4,514	1,851	2,701
December.....	4,097	12,429	9,298
Totals.....	\$58,688	\$80,387	\$44,433

The values of shipments of merchandise and produce from San Francisco to the Hawaiian Islands during the last three years were as follows:

Months	1906	1905	1904
January.....	\$ 895,802	\$ 787,742	\$ 875,378
February.....	795,973	784,536	706,473
March.....	1,075,048	1,095,061	909,015
April.....	622,716	956,313	808,149
May.....	885,101	809,453	729,252
June.....	762,969	1,135,294	773,783
July.....	805,671	642,457	767,965
August.....	906,391	999,674	837,676
September.....	1,012,043	770,016	780,205
October.....	819,490	825,313	820,109
November.....	1,196,104	752,917	868,082
December.....	783,543	1,202,109	936,306
Totals.....	\$10,560,851	\$10,760,885	\$9,812,393

The values of exports to Alaska during the last three years were as follows:

Months	1906	1905	1904
January.....	\$ 4,323	\$ 10,788	\$ 10,306
February.....	4,395	3,659	9,304
March.....	91,788	162,352	145,955
April.....	690,379	612,716	1,641,960
May.....	193,585	349,932	325,138
June.....	260,907	332,682	409,497
July.....	73,959	183,060	133,560
August.....	21,112	165,614	166,275
September.....	34,974	130,699	55,377
October.....	4,804	14,407	8,318
November.....	11,273	3,277	6,371
December.....	5,738	2,382	4,037
Totals.....	\$1,397,237	\$1,971,568	\$2,916,098

The total monthly valuations of exports from San Francisco to non-contiguous territory of the United States, embracing Alaska, Hawaii, Tutuila, Guam and Midway Islands during the last three years were as follows:

Months	1906	1905	1904
January.....	\$ 910,403	\$ 800,668	\$ 983,235
February.....	803,778	794,727	717,671
March.....	1,174,042	1,269,441	1,058,994
April.....	1,313,095	1,580,884	2,453,641
May.....	1,083,925	1,165,152	1,121,939
June.....	1,024,865	1,478,302	1,186,722
July.....	886,844	829,974	908,002
August.....	931,933	1,172,686	1,006,651
September.....	1,050,833	905,362	838,548
October.....	831,789	848,538	830,238
November.....	1,211,891	758,045	877,154
December.....	793,378	1,216,920	959,066
Totals.....	\$12,016,776	\$12,820,699	\$12,941,861

SUMMARY OF EXPORTS

Classified the exports from San Francisco by sea during the last three years were as follows:

Shipments	1906	1905	1904
Domestic Merchandise.....	\$33,462,626	\$46,888,504	\$38,119,692
Foreign Merchandise.....	390,896	828,507	941,704
To Hawaii.....	10,560,851	10,760,885	9,812,393
“ Alaska.....	1,397,237	1,971,568	2,916,098
“ Atlantic States.....	3,684,253	4,380,795	4,658,224
“ Tutuila.....	58,688	80,387	44,433
“ Guam.....	.....	.....	96,348
“ Midway Island.....	.....	7,859	72,589
Total.....	\$49,554,551	\$64,918,505	\$56,661,481

EXPORTS BY MONTHS

JANUARY—The shipments of Domestic and Foreign merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	.....	.....	\$ 11,038
Australasia.....	\$ 404,266	\$ 146,181	305,419
Belgium.....	.....	.....	5,660
British Columbia.....	55,710	75,170	62,378
British East Indies.....	5,327	2,423	5,062
British West Indies.....	1,340	1,326	1,065
Canada.....	1,327	1,043	.....
Chile.....	25,120	6,370	13,224
China.....	1,080,963	132,939	25,067
Colombia.....	5,539	4,543	7,418
Costa Rica.....	13,895	17,284	22,300
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	9,304	3,961	1,264
Ecuador.....	13,443	12,902	.....
Egypt.....	.....	128	6,646
England.....	42,032	294,106	210,477
France.....	24,600	2,700	.....
French East Indies.....	320	104	.....
French Oceanica.....	1,179	.....	42,384
Germany.....	4,801	4,870	16,348
German Oceanica.....	5,295	2,109	9,434
Guatemala.....	50,334	74,761	67,323
Honduras.....	11,119	10,197	7,110
Hongkong.....	149,991	118,124	263,181
Ireland.....	85,926	341,989	360,879
Italy.....	22,450	7,130	2,243
Japan.....	422,375	1,233,416	251,051
Korea.....	2,349	5,211	1,132
Mexico.....	132,715	98,246	133,147
Miscellaneous.....	715	211	.....
Netherlands.....	.....	.....	.....
Nicaragua.....	21,318	20,235	32,153
Other Asia.....	.....	.....	.....
Other British Oceanica.....	116	154	298
Panama.....	15,234	12,772	11,643
Peru.....	25,023	15,788	37,279
Philippines.....	129,742	147,575	39,532
Russian China.....	.....	.....	1,432
Salvador.....	43,516	50,507	41,170
Scotland.....	.....	.....	.....
Siam.....	1,795	46	.....
South Africa.....	.....	1,014	485
Spain.....	.....	.....	.....
Straits Settlements.....	1,931	4,077	2,896
Sweden.....	.....	.....	.....
Total domestic.....	\$2,811,110	\$2,849,612	\$1,998,146
Foreign merchandise.....	34,521	82,855	97,276
To Atlantic States.....	274,618	322,785	580,260
To non-contiguous territory....	910,403	800,668	887,347
Total for month.....	\$4,030,652	\$4,055,922	\$3,563,029

EXPORTS BY MONTHS

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FEBRUARY—The shipments of Domestic and Foreign merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 203,427	\$ 299,412	\$ 366,514
Belgium.....	.....	.....	4,636
British Columbia.....	70,124	50,294	84,101
British East Indies.....	2,569	1,150	7,481
British West Indies.....	2,886	341	998
Canada.....	5,594	4,739	.....
Chili.....	13,317	4,459	6,627
China.....	815,991	766,521	78,046
Colombia.....	6,186	599	9,438
Costa Rica.....	7,750	9,967	5,167
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	6,184	2,542	4,193
Ecuador.....	13,532	25,327	8,071
Egypt.....	.....	.....	.....
England.....	100,827	379	439,855
France.....	1,257	44	.....
French East Indies.....	1,387	.....	.....
French Oceanica.....	26,249	28,632	32,953
Germany.....	6,907	3,152	1,972
German Oceanica.....	2,666	4,988	2,352
Guatemala.....	53,402	56,812	51,005
Honduras.....	18,497	12,186	10,785
Hongkong.....	236,932	92,211	291,762
Ireland.....	.....	.....	81,375
Italy.....	.....	.....	180
Japan.....	601,866	1,050,773	289,822
Korea.....	13,284	7,641	3,203
Mexico.....	130,500	111,750	161,498
Miscellaneous.....	1,500	685	.....
Netherlands.....	.....	.....	.....
Nicaragua.....	13,385	22,674	21,223
Other Asia.....	.....	.....	1,280
Other British Oceanica.....	.....	122	929
Panama.....	21,664	17,232	14,883
Peru.....	11,973	10,979	23,627
Philippines.....	180,224	21,255	76,893
Russian China.....	.....	.....	44,496
Salvador.....	43,234	33,868	31,079
Scotland.....	.....	.....	.....
Siam.....	402	.....	.....
South Africa.....	.....	311	.....
Spain.....	.....	.....	.....
Straits Settlements.....	3,157	6,387	2,018
Sweden.....	.....	.....	.....
Total domestic.....	\$2,616,873	\$2,647,594	\$2,158,480
Foreign merchandise.....	22,781	46,685	76,377
To Atlantic States.....	361,520	389,486	143,248
To non-contiguous territory.....	803,778	795,727	813,556
Total for month.....	\$3,804,952	\$3,879,492	\$3,191,661

MARCH—The shipments of Domestic and Foreign merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 78,781	.....	.....
Australasia.....	306,704	\$ 216,336	\$ 278,017
Belgium.....	.....	.....	2,273
British Columbia.....	85,985	73,308	95,108
British East Indies.....	45,314	2,912	2,039
British West Indies.....	2,352	511	1,516
Canada.....	11,999	2,464	.....
Chili.....	20,774	2,507	8,924
China.....	1,083,937	952,524	87,512
Colombia.....	2,405	2,269	2,064
Costa Rica.....	10,334	11,415	14,040
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	7,071	3,698	2,802
Ecuador.....	2,065	7,057	5,523
Egypt.....	.....	214	.....
England.....	225,794	.....	423,376
France.....	29,900	25,030	836
French East Indies.....	.....	4,791	.....
French Oceanica.....	30,432	31,124	33,597
Germany.....	8,292	9,406	739
German Oceanica.....	3,765	11,934	6,159
Guatemala.....	71,251	68,487	54,653
Honduras.....	21,729	22,169	12,062
Hongkong.....	117,926	138,645	260,699
Ireland.....	.....	.....	246,610
Italy.....	8,000	600	.....
Japan.....	1,077,239	3,375,300	595,265
Korea.....	16,294	11,051	5,158
Mexico.....	150,501	146,174	128,349
Miscellaneous.....	.....	.....	.....
Netherlands.....	.....	.....	2,894
Nicaragua.....	42,868	28,720	25,596
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,335	155	1,074
Panama.....	28,924	26,421	9,799
Peru.....	12,679	7,848	14,906
Philippines.....	72,746	199,039	121,736
Russian China.....	.....	.....	.....
Salvador.....	53,468	57,487	36,407
Scotland.....	.....	.....	.....
Siam.....	889	385	.....
South Africa.....	180	5,806	2,783
Spain.....	.....	200	2,918
Straits Settlements.....	1,041	8,194	1,826
Sweden.....	.....	.....	.....
Total domestic.....	\$3,632,974	\$5,454,541	\$2,487,804
Foreign merchandise.....	16,631	107,830	71,183
To Atlantic States.....	328,674	262,182	363,834
To non-contiguous territory....	1,174,042	1,269,441	1,058,994
Total for month.....	\$5,152,321	\$7,093,994	\$3,981,815

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APRIL—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	.....	.....	\$ 45,647
Australasia.....	\$ 3,573	\$ 214,586	147,307
Belgium.....	.....	2,701	.....
British Columbia.....	65,157	91,392	104,328
British East Indies.....	702	2,449	2,113
British West Indies.....	2,355	1,049	3,377
Canada.....	4,345	7,210	4,797
Chili.....	26,895	1,888	6,491
China.....	781,290	932,690	161,798
Colombia.....	7,015	1,340	2,898
Costa Rica.....	6,678	6,855	15,382
Cuba.....	.....	333	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	2,572	5,492	2,452
Ecuador.....	19,498	14,526	4,964
Egypt.....	.....	.....	.....
England.....	20,000	12,575	825
France.....	25	.....	213
French East Indies.....	.....	544	.....
French Oceanica.....	23,077	22,804	32,203
Germany.....	2,932	4,928	2,533
German Oceanica.....	.....	8,779	17,224
Guatemala.....	56,046	95,768	55,123
Honduras.....	3,359	17,667	17,685
Hongkong.....	79,295	117,927	74,760
Ireland.....	.....	.....	100,925
Italy.....	.....	.....	.....
Japan.....	377,911	2,031,794	748,248
Korea.....	4,053	9,843	7,152
Mexico.....	117,359	104,535	127,642
Miscellaneous.....	420	91	.....
Netherlands.....	.....	625	.....
Nicaragua.....	9,794	25,829	32,749
Other Asia.....	.....	.....	.....
Other British Oceanica.....	681	1,399	867
Panama.....	16,364	20,538	16,559
Peru.....	17,656	69,746	15,122
Philippines.....	7,484	66,037	59,505
Russian China.....	.....	.....	.....
Salvador.....	29,398	61,436	42,977
Scotland.....	.....	.....	.....
Siam.....	.....	475	.....
South Africa.....	.....	3,046	19,189
Spain.....	.....	172	.....
Straits Settlements.....	1,946	6,079	2,370
Sweden.....	.....	.....	.....
Total domestic.....	\$1,687,880	\$3,965,148	\$1,876,225
Foreign merchandise.....	16,631	62,968	66,077
To Atlantic States.....	152,718	305,870	294,342
To non-contiguous territory....	1,313,095	1,580,884	2,453,641
Total for month.....	\$3,170,324	\$5,914,870	\$4,690,285

MAY—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 184,850	\$ 142,996	.....
Australasia.....	187,434	114,621	\$ 201,884
Belgium.....	.....	1,150	75
British Columbia.....	45,710	86,633	87,426
British East Indies.....	92,892	3,181	4,289
British West Indies.....	.....	3,051	1,741
Canada.....	17,258	8,811	11,563
Chili.....	49,143	14,806	1,445
China.....	910,602	859,559	70,484
Colombia.....	3,411	4,896	891
Costa Rica.....	4,879	9,630	14,039
Cuba.....	.....	270	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	2,760	4,231	1,759
Ecuador.....	4,341	14,629	10,222
Egypt.....	.....	.....	.....
England.....	450	9,075	41,978
France.....	.....	50	53
French East Indies.....	.....	362	.....
French Oceanica.....	19,952	25,838	36,153
Germany.....	3,210	19,580	316
German Oceanica.....	3,474	3,054	9,238
Guatemala.....	37,692	160,426	60,725
Honduras.....	7,781	39,172	14,452
Hongkong.....	116,300	106,816	60,794
Ireland.....	.....	.....	240,138
Italy.....	1,100	575	.....
Japan.....	620,272	2,347,354	474,014
Korea.....	19,036	8,288	13,487
Mexico.....	53,751	123,737	163,574
Miscellaneous.....	.....	.....	.....
Netherlands.....	.....	.....	.....
Nicaragua.....	11,243	21,161	24,305
Other Asia.....	.....	145	.....
Other British Oceanica.....	.....	678	2,250
Panama.....	14,554	20,727	17,766
Peru.....	10,484	13,040	77,863
Philippines.....	138,483	114,093	45,098
Russian China.....	.....	.....	.....
Salvador.....	23,390	60,529	26,095
Scotland.....	.....	.....	.....
Siam.....	1,456	528	.....
South Africa.....	.....	2,855	2,398
Spain.....	.....	.....	.....
Straits Settlements.....	3,203	5,206	1,911
Sweden.....	.....	.....	.....
Total domestic.....	\$2,589,111	\$4,351,753	\$1,718,426
Foreign merchandise.....	22,987	76,740	50,327
T Atlantic States.....	196,470	428,580	302,667
To non-contiguous territory....	1,083,925	1,165,152	1,121,939
Total for month.....	\$3,892,493	\$6,022,225	\$3,193,360

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JUNE—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 32,127	\$ 27,219	.....
Australasia.....	73,062	240,337	\$ 160,162
Belgium.....	.....	.....	.....
British Columbia.....	37,727	70,080	92,572
British East Indies.....	50	505	3,374
British West Indies.....	201,191	993	803
Canada.....	9,044	3,544	55,331
Chili.....	11,010	21,456	503
China.....	525,978	647,840	159,603
Colombia.....	552	6,778	4,484
Costa Rica.....	4,523	14,006	7,079
Cuba.....	.....	821	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	1,289	5,922	3,463
Ecuador.....	20,033	20,118	6,225
Egypt.....	.....	.....	.....
England.....	641,097	7,306	134,800
France.....	11,000	300	140
French East Indies.....	.....	700	.....
French Oceanica.....	.....	.....	.....
Germany.....	10,097	14,743	5,890
German Oceanica.....	429	9,401	2,012
Guatemala.....	31,332	167,028	59,631
Honduras.....	3,047	23,568	10,067
Hongkong.....	45,520	74,831	189,725
Ireland.....	.....	.....	139,729
Italy.....	.....	70	.....
Japan.....	217,069	1,913,000	529,932
Korea.....	3,850	3,938	3,844
Mexico.....	110,523	123,124	86,364
Miscellaneous.....	.....	1,384	.....
Netherlands.....	.....	.....	.....
Nicaragua.....	16,213	33,296	27,753
Other Asia.....	.....	.....	.....
Other British Oceanica.....	.....	340	904
Panama.....	13,448	18,664	12,997
Peru.....	1,671	27,974	10,566
Philippines.....	6,890	128,806	65,363
Russian China.....	.....	.....	.....
Salvador.....	14,596	57,574	30,218
Scotland.....	.....	.....	.....
Siam.....	924	1,586	.....
South Africa.....	14,537	3,428	175
Spain.....	.....	105	.....
Straits Settlements.....	984	2,311	2,335
Sweden.....	.....	.....	.....
Total domestic.....	\$2,059,813	\$3,673,096	\$1,806,044
Foreign merchandise.....	26,232	31,756	66,332
To Atlantic States.....	267,386	340,894	270,759
To non-contiguous territory....	1,024,865	1,478,302	1,186,722
Total for month.....	\$3,378,296	\$5,524,048	\$3,329,857

JULY—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 57,661	\$ 10,834	\$ 60,418
Australasia.....	77,608	135,621	264,617
Belgium.....	1,200	1,700	.....
British Columbia.....	.....	73,174	80,964
British East Indies.....	106,340	2,662	11,956
British West Indies.....	800	.....	1,411
Canada.....	71,675	15,047	25,251
Chili.....	20,461	23,548	5,201
China.....	568,225	1,393,568	150,801
Colombia.....	4,288	4,642	4,684
Costa Rica.....	1,057	3,762	4,714
Cuba.....	.....	948	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	5,379	10,320	4,475
Ecuador.....	3,133	18,738	16,177
Egypt.....	.....	.....	417
England.....	2,020	10,182	100
France.....	911	150	.....
French East Indies.....	425	1,027	.....
French Oceanica.....	27,025	20,477	23,671
Germany.....	14,820	13,447	8,146
German Oceanica.....	700	13,015	14,537
Guatemala.....	41,028	103,379	36,599
Honduras.....	18,646	30,696	6,763
Hongkong.....	102,947	139,732	427,136
Ireland.....	.....	.....	67,619
Italy.....	.....	.....	.....
Japan.....	527,970	1,140,212	627,410
Korea.....	9,334	12,704	13,833
Mexico.....	91,308	153,234	103,122
Miscellaneous.....	.....	70	.....
Netherlands.....	.....	.....	.....
Nicaragua.....	32,656	35,172	14,573
Other Asia.....	.....	.....	.....
Other British Oceanica.....	75	918	1,854
Panama.....	25,030	20,328	17,854
Peru.....	12,581	65,681	27,196
Philippines.....	54,801	78,370	62,923
Russian China.....	.....	.....	.....
Salvador.....	13,536	41,521	30,783
Scotland.....	.....	.....	.....
Siam.....	2,084	791	2,920
South Africa.....	1,562	1,045	1,314
Spain.....	.....	1,008	125
Straits Settlements.....	3,483	8,403	6,251
Sweden.....	.....	.....	.....
Total domestic.....	\$1,900,769	\$3,586,126	\$2,155,891
Foreign merchandise.....	22,543	48,168	87,658
To Atlantic States.....	251,984	204,817	253,525
To non-contiguous territory....	886,844	829,974	908,002
Total for month.....	\$3,062,140	\$4,669,085	\$3,365,076

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AUGUST—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 5,014	\$ 6,524	.....
Australasia.....	152,994	313,402	\$ 191,894
Belgium.....	.....	.....	.....
British Columbia.....	.....	113,648	97,127
British East Indies.....	927	2,702	3,045
British West Indies.....	69	.....	1,225
Canada.....	77,308	17,210	3,810
Chili.....	18,668	11,024	480
China.....	206,940	1,106,951	537,211
Colombia.....	2,845	1,047	4,651
Costa Rica.....	13,500	2,015	5,462
Cuba.....	.....	840	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	1,590	5,936	2,895
Ecuador.....	17,374	22,591	4,400
Egypt.....	.....	.....	.....
England.....	191,148	292,275	373,103
France.....	200	.....	.....
French East Indies.....	.....	.....	.....
French Oceanica.....	29,347	44,262	28,046
Germany.....	2,017	5,654	8,668
German Oceanica.....	6,018	6,562	10,452
Guatemala.....	62,948	112,800	54,268
Honduras.....	3,496	5,319	5,711
Hongkong.....	103,104	211,664	363,578
Ireland.....	.....	62,785	.....
Italy.....	.....	.....	.....
Japan.....	373,802	1,036,000	386,062
Korea.....	3,037	14,404	4,145
Mexico.....	113,489	122,287	91,834
Miscellaneous.....	99,294	.....	.....
Netherlands.....	2,000	.....	.....
Nicaragua.....	15,695	37,397	22,623
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,278	539	979
Panama.....	25,325	23,479	11,503
Peru.....	6,864	40,350	3,381
Philippines.....	76,715	56,271	12,116
Russian China.....	.....	.....	.....
Salvador.....	20,905	28,873	20,331
Scotland.....	.....	.....	.....
Siam.....	1,068	3,598	3,170
South Africa.....	916	1,383	590
Spain.....	.....	.....	.....
Straits Settlements.....	958	2,534	2,620
Sweden.....	500	.....	.....
Total domestic.....	\$1,637,363	\$3,713,026	\$2,255,380
Foreign merchandise.....	31,694	57,340	63,048
To Atlantic States.....	307,418	512,013	124,084
To non-contiguous territory....	931,933	1,172,686	1,006,651
Total for month.....	\$2,908,408	\$5,455,065	\$3,449,163

SEPTEMBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 56,049	\$ 161,378	.....
Australasia.....	115,151	251,329	\$ 356,268
Belgium.....	.....	155,304	.....
British Columbia.....	60,935	74,228	74,514
British East Indies.....	90,345	4,540	4,002
British West Indies.....	1,182	7,642	1,188
Canada.....	9,007	13,818	5,591
Chili.....	22,091	30,805	3,580
China.....	559,828	685,819	330,603
Colombia.....	2,614	7,454	5,171
Costa Rica.....	13,192	16,739	4,031
Cuba.....	.....	5,200	.....
Denmark.....	.....	.....	346
Dutch East Indies.....	3,028	3,902	6,187
Ecuador.....	4,281	9,458	16,678
Egypt.....	.....	.....	538
England.....	792,230	894,676	992,682
France.....	.....	.....	.....
French East Indies.....	.....	320	.....
French Oceanica.....	26,364	41,117	30,812
Germany.....	4,514	21,127	14,139
German Oceanica.....	1,795	8,940	4,402
Guatemala.....	63,300	119,633	49,483
Honduras.....	4,325	20,970	7,456
Hongkong.....	140,311	185,211	254,711
Ireland.....	.....	.....	243,503
Italy.....	.....	.....	20,150
Japan.....	896,572	979,328	442,506
Korea.....	24,273	15,108	8,603
Mexico.....	68,675	91,181	76,564
Miscellaneous.....	84,477	.....	.....
Netherlands.....	.....	1,472	5,676
Nicaragua.....	31,538	43,659	21,204
Other Asia.....	.....	.....	.....
Other British Oceanica.....	521	7,348	528
Panama.....	22,340	39,208	22,879
Peru.....	59,595	16,878	7,672
Philippines.....	122,964	203,433	91,590
Russian China.....	.....	.....	.....
Salvador.....	28,737	51,909	32,036
Scotland.....	.....	63,095	.....
Siam.....	375	2,835	.....
South Africa.....	192	2,829	2,039
Spain.....	.....	.....	.....
Straits Settlements.....	1,561	2,608	3,846
Sweden.....	.....	.....	.....
Total domestic.....	\$3,313,162	\$4,240,501	\$3,141,178
Foreign merchandise.....	84,756	111,128	72,796
To Atlantic States.....	302,196	563,482	670,550
To non-contiguous territory....	1,050,833	905,362	838,548
Total for month.....	\$4,750,947	\$5,820,473	\$4,723,072

OCTOBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 33,811	\$ 55,150	\$ 3,343
Australasia.....	343,205	306,178	331,004
Belgium.....	168,322	73,700	700
British Columbia.....	74,003	87,718	81,430
British East Indies.....	2,431	3,789	6,702
British West Indies.....	3,647	6,170	1,189
Canada.....	2,776	7,040	3,130
Chili.....	19,404	48,391	3,928
China.....	414,092	358,165	1,553,422
Colombia.....	1,906	16,816	7,475
Costa Rica.....	5,222	13,264	12,459
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	5,079	5,789	5,131
Ecuador.....	18,182	47,863	13,924
Egypt.....	.....	200	125
England.....	539,860	1,363,711	1,108,485
France.....	14,929	5,053	7,190
French East Indies.....	.....	278	.....
French Oceanica.....	25,319	34,182	41,146
Germany.....	17,321	7,619	34,746
German Oceanica.....	5,804	1,487	9,728
Guatemala.....	44,650	71,379	88,235
Honduras.....	4,928	13,060	11,329
Hongkong.....	106,660	173,502	717,097
Ireland.....	.....	83,820	277,487
Italy.....	.....	.....	.....
Japan.....	1,371,052	830,688	1,369,459
Korea.....	14,442	22,821	16,524
Mexico.....	124,246	163,264	169,778
Miscellaneous.....	184,738	.....	.....
Netherlands.....	1,675	.....	512
Nicaragua.....	24,744	37,073	31,705
Other Asia.....	.....	.....	.....
Other British Oceanica.....	2,127	112	1,576
Panama.....	13,896	18,435	15,392
Peru.....	55,766	27,909	16,890
Philippines.....	81,364	113,398	66,893
Russian China.....	.....	.....	.....
Salvador.....	23,595	40,997	44,959
Scotland.....	148,350	.....	69,080
Siam.....	110	1,310	1,370
South Africa.....	80	704	1,064
Spain.....	.....	.....	.....
Straits Settlements.....	7,605	5,711	7,699
Sweden.....	.....	.....	.....
Total domestic.....	\$3,905,441	\$4,046,746	\$6,132,406
Foreign merchandise.....	40,988	104,201	144,276
To Atlantic States.....	541,325	136,952	271,905
To non-contiguous territory....	831,789	848,538	830,238
Total for month.....	\$5,319,543	\$5,136,437	\$7,378,825

NOVEMBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 831	\$ 45,606	.....
Australasia.....	171,959	492,995	\$ 262,660
Belgium.....	300	.....	.....
British Columbia.....	127,688	91,814	83,934
British East Indies.....	89,639	8,374	4,370
British West Indies.....	1,637	2,252	1,573
Canada.....	17,361	10,303	7,919
Chili.....	17,517	15,250	3,240
China.....	89,565	943,764	1,281,004
Colombia.....	2,854	3,109	2,233
Costa Rica.....	10,320	5,129	9,891
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	3,320	4,737	3,829
Ecuador.....	7,055	4,340	9,820
Egypt.....	.....	.....	.....
England.....	710,548	306,857	1,185,515
France.....	400	210	.....
French East Indies.....	.....	.....	651
French Oceanica.....	23,291	39,244	32,469
Germany.....	10,203	2,340	39,759
German Oceanica.....	2,091	5,800	10,601
Guatemala.....	48,558	70,833	85,231
Honduras.....	3,188	4,587	13,425
Hongkong.....	111,811	241,979	432,351
Ireland.....	79,375	7,361	447,242
Italy.....	820	400	.....
Japan.....	947,043	1,432,226	1,952,139
Korea.....	6,791	3,689	6,332
Mexico.....	124,398	154,369	97,502
Miscellaneous.....	158,592	.....	.....
Netherlands.....	975	1,458	1,300
Nicaragua.....	25,778	20,996	30,211
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,233	1,086	2,355
Panama.....	9,529	10,408	16,724
Peru.....	38,556	3,983	769
Philippines.....	126,728	154,141	110,654
Russian China.....	46,291	.....	.....
Salvador.....	47,786	26,264	40,334
Scotland.....	75,753	.....	111,403
Siam.....	183	213	1,019
South Africa.....	.....	4,614	1,477
Spain.....	.....	1,241	.....
Straits Settlements.....	4,235	5,610	4,902
Sweden.....	.....	.....	.....
Total domestic.....	\$3,144,193	\$4,129,589	\$6,294,838
Foreign merchandise.....	20,250	68,931	74,956
To Atlantic States.....	379,104	581,894	392,372
To non-contiguous territory....	1,211,891	768,045	877,154
Total for month.....	\$4,755,438	\$5,548,459	\$7,639,323

EXPORTS BY MONTHS

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DECEMBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea for this month during the last three years were as follows:

	1906	1905	1904
Asiatic Russia.....	\$ 468	.....	.....
Australasia.....	273,107	\$ 338,455	\$ 429,295
Belgium.....	.....	.....	544
British Columbia.....	131,389	69,164	51,967
British East Indies.....	1,250	3,140	10,266
British West Indies.....	2,673	2,147	1,956
Canada.....	10,451	2,191	4,178
Chili.....	39,519	38,688	32,936
China.....	278,566	103,540	751,628
Colombia.....	2,319	3,897	3,690
Costa Rica.....	10,873	9,817	11,058
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	156
Dutch East Indies.....	2,677	6,161	3,301
Ecuador.....	16,305	21,712	16,469
Egypt.....	.....	.....	.....
England.....	1,117,468	414,810	723,455
France.....	.....	975	70
French East Indies.....	.....	4,297	409
French Oceanica.....	30,179	33,264	35,073
Germany.....	147,364	11,800	29,292
German Oceanica.....	12,728	6,628	6,507
Guatemala.....	57,551	117,864	96,454
Honduras.....	4,192	21,414	17,766
Hongkong.....	112,552	377,338	321,061
Ireland.....	.....	.....	395,015
Italy.....	.....	.....	13,868
Japan.....	1,315,437	1,178,883	2,809,666
Korea.....	3,096	4,209	5,861
Mexico.....	98,235	219,489	169,027
Miscellaneous.....	156,104	.....	.....
Netherlands.....	.....	1,245	.....
Nicaragua.....	18,372	28,833	24,137
Other Asia.....	.....	.....	.....
Other British Oceanica.....	656	498	584
Panama.....	38,826	28,757	17,146
Peru.....	5,214	37,066	13,994
Philippines.....	153,951	73,814	81,483
Russian China.....	.....	.....	.....
Salvador.....	42,192	65,487	40,055
Scotland.....	76,075	.....	.....
Siam.....	.....	431	340
South Africa.....	1,047	.....	3,158
Spain.....	.....	.....	.....
Straits Settlements.....	3,101	4,758	13,009
Sweden.....	.....	.....	.....
Total domestic.....	\$4,163,937	\$4,230,772	\$6,134,874
Foreign merchandise.....	27,342	29,905	71,395
To Atlantic States.....	320,840	320,840	990,677
To non-contiguous territory....	793,378	1,216,920	959,066
Total for month.....	\$5,315,497	\$5,798,437	\$8,156,022

IMPORTS OF FOREIGN MERCHANDISE

The values of Foreign merchandise imported at San Francisco by sea and rail during the last four years were as follows:

	1906	1905	1904	1903
Belgium.....	\$ 694,042	\$ 342,321	\$ 608,599	\$ 694,042
France	1,621,102	1,736,998	1,520,648	1,621,102
Germany	2,005,846	1,670,588	1,712,915	2,005,846
Greece	9,762	24,077	22,404	9,762
Italy	731,743	578,571	583,511	731,743
Netherlands	187,611	100,020	140,397	187,611
Spain	89,008	67,921	47,112	89,008
Sweden.....	162,891	85,310	94,527	162,891
Turkey	40,872	23,380	8,520	40,872
England.....	2,047,667	1,638,342	1,736,137	2,047,667
Scotland.....	217,618	396,925	311,489	217,618
Ireland.....	92,459	71,159	120,180	92,459
Canada.....	23,958	21,225	38,251	23,958
British Columbia...	1,550,182	1,625,427	1,679,697	1,550,182
Costa Rica.....	87,938	340,402	85,983	87,938
Guatemala.....	2,000,119	2,231,948	1,995,448	2,000,119
Nicaragua.....	45,523	57,280	42,638	45,523
Salvador.....	1,110,458	804,508	949,136	1,110,458
Mexico.....	452,503	768,714	574,537	452,503
British West Indies	14,613	5,726	29,375	14,613
Cuba.....	632,876	433,292	339,825	632,876
Brazil	26,566	13,489	9,767	26,566
Chili	1,141,881	1,194,544	1,246,845	1,141,881
Ecuador.....	264,728	202,580	409,193	264,728
China	6,600,205	7,206,074	7,620,053	6,600,205
British East Indies	2,176,637	1,392,795	1,124,265	2,176,457
Dutch West Indies				
Japan	19,749,963	17,529,207	16,770,190	19,749,963
Australasia	1,007,895	1,048,938	943,305	1,007,895
French Oceania....	350,542	447,513	383,889	350,542
Philippines.....	925,689	574,097	600,372	925,689
Honduras			295	
Austria.....	41,715	57,601	55,453	41,715
Switzerland.....	120,513	130,175	107,994	120,513
Peru	448,920	110,343	96,872	448,920
Egypt	797	2,071	837	797
Colombia.....	725			725
British Oceania	21,100	81,278	9,127	21,100
Portugal.....	3,684	3,421	1,728	3,684
German Oceania ..	87	26,360	25,433	87
Dutch East Indies..	1,280,910	250,540	311,037	1,280,910
Asiatic Russia.....		123,598	157,135	
Panama	3,305	7,604	19,598	3,305
Straits Settlements	898,505	784,774	842,992	898,505
Norway	30,987	21,147	13,718	30,987
French Africa.....	5,056		2,512	5,056
Aden.....	7,531	14,907	11,377	7,531
Miscellaneous.....	265,846	7,021	4,664	265,846
Total.....	\$49,192,378	\$44,249,211	\$43,409,980	\$49,192,378

The custom house classification of the imports during the last two years were as follows:

Months	1906		1905	
	Free	Dutiable	Free	Dutiable
January	\$ 2,021,135	\$ 1,383,443	\$ 3,132,317	\$ 1,408,438
February	2,835,237	1,265,956	1,822,304	1,022,998
March	3,258,375	1,625,846	2,268,654	1,405,100
April.....	2,128,305	876,755	2,474,650	1,046,838
May	2,460,636	1,579,068	2,730,155	1,489,824
June	1,609,621	1,540,362	2,276,790	1,322,611
July	1,383,342	1,429,395	1,391,666	1,005,793
August	1,599,477	2,240,070	2,943,280	1,059,251
September.....	2,710,702	1,814,790	3,738,096	1,418,300
October	3,232,407	1,959,647	2,445,544	1,111,844
November	4,037,550	1,464,389	1,619,928	1,273,319
December	2,424,607	2,311,263	2,253,791	1,587,720
Totals.....	\$29,701,394	\$19,490,984	\$29,097,175	\$15,152,036

The disposition of the imports received during the last two years, as entered at the custom house was as follows:

Months	1906		1905	
	Immediate Use	For Warehouse	Immediate Use	For Warehouse
January	\$ 3,052,765	\$ 351,813	\$ 4,058,227	\$ 482,528
February	3,791,253	309,940	2,519,670	325,632
March	4,411,691	472,530	3,059,275	614,479
April.....	2,803,584	201,476	3,242,437	279,051
May	3,518,576	521,128	3,740,298	479,681
June	2,637,785	512,198	3,333,419	265,982
July	2,596,380	216,357	2,034,958	362,501
August	3,278,625	560,922	3,836,811	165,720
September.....	4,217,699	307,793	4,628,014	528,382
October	4,752,488	439,566	3,339,314	218,074
November	5,282,067	219,872	2,441,615	451,632
December	4,160,558	575,312	3,548,480	293,031
Totals.....	\$44,503,471	\$4,688,907	\$39,782,518	\$4,466,693

The imports of merchandise at San Francisco during each month of the last four years were as follows:

Months	1906	1905	1904	1903
January	\$ 3,404,578	\$ 4,540,755	\$ 3,050,827	\$ 2,879,178
February	4,101,193	2,845,302	4,450,145	4,159,958
March	4,884,221	3,673,754	3,255,618	3,449,475
April	3,005,060	3,521,488	2,492,496	2,669,464
May	4,039,704	4,219,979	3,009,408	2,650,027
June	3,149,983	3,599,401	2,867,723	2,298,019
July	2,812,737	2,397,459	3,198,694	2,464,625
August	3,839,547	4,002,531	3,196,903	3,395,976
September	4,525,492	5,156,396	3,447,044	3,154,161
October	5,192,054	3,557,388	5,716,494	3,307,912
November	5,501,939	2,893,247	4,831,528	3,039,100
December	4,735,870	3,841,511	3,893,100	3,054,292
Totals	\$49,192,378	\$44,249,211	\$43,409,980	\$36,522,187

The method of receiving these importations during 1905 and 1906 is shown as follows:

Months	1906		1905	
	By Sea	By Rail	By Sea	By Rail
January	\$ 2,980,210	\$ 424,368	\$ 4,200,221	\$ 340,534
February	3,794,939	306,254	2,463,386	381,916
March	4,465,350	418,871	3,420,402	253,352
April	2,745,230	259,830	3,188,814	332,674
May	3,691,804	347,900	3,897,799	322,180
June	2,916,207	233,776	3,251,744	347,657
July	2,530,538	282,199	2,117,571	279,888
August	3,440,433	399,114	3,680,630	321,901
September	4,222,640	302,852	4,802,411	353,985
October	4,620,366	571,688	3,067,054	490,334
November	5,052,336	449,603	2,420,014	473,233
December	4,196,967	538,903	3,534,041	307,470
Totals	\$44,657,020	\$4,535,358	\$40,044,087	\$4,205,124

IMPORTS BY MONTHS

JANUARY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 62,019	\$ 104,937	\$ 84,923
Austria.....	2,966	7,887	1,601
Belgium.....	29,280	58,015	92,991
British Columbia.....	129,743	126,130	142,804
British West Indies.....	.....	321	.....
British India.....	160,082	33,859	42,220
Brazil.....	.....	.....	.....
Canada.....	104	.....	9,436
Chili.....	17,208	72,726	325,175
China.....	584,281	1,020,954	691,492
Costa Rica.....	.....	24,068	3,291
Cuba.....	41,869	31,038	16,286
Denmark.....	.....	187	.....
Dutch East Indies.....	6,678	.....	7,941
England.....	163,605	125,272	166,165
Egypt.....	203	212	.....
Ecuador.....	6,190	31,305	47,952
France.....	147,144	185,944	117,919
French Oceanica.....	42,361	42,352	19,105
Germany.....	166,678	96,211	120,482
German Oceanica.....	.....	.....	.....
Greece.....	.....	903	.....
Guatemala.....	99,447	178,545	104,564
Ireland.....	12,992	11,096	15,331
Italy.....	42,184	62,517	39,471
Japan.....	1,460,202	1,855,725	850,231
Mexico.....	26,784	61,122	36,784
Miscellaneous.....	2,468	.....	.....
Netherlands.....	16,944	18,211	10,623
Nicaragua.....	138	1,351	2,794
Norway.....	5,857	955	.....
Other British East Indies.....	14,238	9,658	4,517
Otner British Oceanica.....	21,100	22,541	.....
Panama.....	.....	1,345	950
Peru.....	227	1,503	159
Philippines.....	358	91,513	960
Portugal.....	.....	.....	.....
Salvador.....	74,775	178,367	47,760
Scotland.....	18,317	17,465	8,235
Straits Settlements.....	10,352	38,335	.....
Siam.....	3,148	.....	.....
Spain.....	11,935	4,556	8,157
Sweden.....	4,940	10,359	19,746
Switzerland.....	13,767	13,270	10,762
Turkey.....	3,994	.....	.....
Total for month.....	\$3,404,578	\$4,540,755	\$3,050,827

FEBRUARY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	\$ 7,531	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	54,943	\$ 22,693	\$ 74,239
Austria.....	4,078	5,457	1,571
Belgium.....	83,674	31,487	84,788
British Columbia.....	214,522	153,020	101,651
British West Indies.....	664	.....	3,780
British India.....	89,055	2,890	209,810
Brazil.....	.....	.....	.....
Canada.....	2,691	4,602	.....
Chili.....	1,045	28,552	24,265
China.....	450,481	332,779	1,040,048
Costa Rica.....	22,860	39,848	7,917
Cuba.....	36,464	29,501	20,486
Denmark.....	.....	.....	.....
Dutch East Indies.....	19,879	9,919	.....
England.....	68,744	147,789	146,118
Egypt.....	.....	.....	.....
Ecuador.....	4,236	6,501	540
France.....	139,362	128,521	125,264
French Oceanica.....	207	1,772	31,830
Germany.....	78,873	127,139	208,509
German Oceanica.....	.....	3,983	.....
Greece.....	232	.....	.....
Guatemala.....	359,858	92,014	145,871
Ireland.....	2,623	5,620	7,699
Italy.....	31,398	34,314	47,576
Japan.....	777,629	1,385,507	1,880,441
Mexico.....	55,201	47,360	52,061
Miscellaneous.....	.....	.....	.....
Netherlands.....	16,273	13,021	1,488
Nicaragua.....	1,440	177	2,242
Norway.....	2,854	1,458	.....
Other British East Indies.....	11,097	7,181	.....
Other British Oceanica.....	.....	.....	.....
Panama.....	.....	.....	1,303
Peru.....	67,390	3,750	2,700
Philippines.....	109,954	796	92,103
Portugal.....	1,382	.....	.....
Salvador.....	205,575	119,930	103,208
Scotland.....	39,473	113,915	4,024
Straits Settlements.....	123,838	29,836	.....
Siam.....	.....	.....	.....
Spain.....	1,768	3,896	309
Sweden.....	1,523	9,732	4,555
Switzerland.....	12,376	342	19,146
Turkey.....	.....	.....	.....
Total for month.....	\$4,101,193	\$2,845,302	\$4,450,145

MARCH—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 147,984	\$ 166,237	\$ 47,034
Austria.....	1,844	964	3,151
Belgium.....	48,862	34,757	57,715
British Columbia.....	163,767	160,537	219,706
British West Indies.....	2,651	1,236	3,544
British India.....	94,699	69,188	27,943
Brazil.....	.....	.....	.....
Canada.....	2,351	.....	.....
Chili.....	121,525	120,682	8,527
China.....	372,399	604,231	328,242
Costa Rica.....	26,923	128,758	12,193
Cuba.....	70,660	31,700	38,900
Denmark.....	.....	171	.....
Dutch East Indies.....	.....	2,213	13,409
England.....	334,115	137,892	261,082
Egypt.....	.....	176	.....
Ecuador.....	16,249	10,478	5,307
France.....	119,580	125,917	114,346
French Oceanica.....	24,423	60,671	25,408
Germany.....	219,718	90,267	177,447
German Oceanica.....	.....	.....	.....
Greece.....	.....	.....	.....
Guatemala.....	390,153	264,290	189,245
Ireland.....	9,001	7,018	28,516
Italy.....	60,549	58,402	36,683
Japan.....	2,012,074	1,140,478	1,013,760
Mexico.....	47,383	51,714	51,687
Miscellaneous.....	.....	.....	.....
Netherlands.....	11,406	9,830	12,443
Nicaragua.....	2,909	7,517	726
Norway.....	827	925	.....
Other British East Indies.....	13,131	3,721	4,033
Other British Oceanica.....	.....	.....	.....
Panama.....	640	297	1,733
Peru.....	80,828	.....	252
Philippines.....	12,157	803	215
Portugal.....	.....	.....	.....
Salvador.....	302,724	140,446	151,682
Scotland.....	18,438	13,662	78,428
Straits Settlements.....	106,623	203,421	322,532
Siam.....	7,378	.....	.....
Spain.....	.....	3,122	6,341
Sweden.....	27,601	14,334	5,954
Switzerland.....	12,649	7,699	7,434
Turkey.....	.....	.....	.....
Total for month.....	\$4,884,221	\$3,673,754	\$3,255,618

APRIL—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden. ....	.....	.....	.....
Asiatic Russia. ....	.....	.....	.....
Australasia.	\$ 83,705	\$ 101,813	\$ 83,944
Austria.	2,394	1,937	2,242
Belgium.	1,260	13,410	36,367
British Columbia.	106,633	139,938	124,355
British West Indies. ....	.....	142	13,815
British India.	223,889	204,821	27,194
Brazil.	5,820	.....	.....
Canada.	8,791	4,828	13,298
Chili.	107,340	10,150	73,915
China.	600,310	291,112	574,702
Costa Rica.	4,064	92,461	20,321
Cuba.	31,073	41,124	56,341
Denmark. ....	.....	1,148	.....
Dutch East Indies.	7,807	.....	5,365
England.	37,563	104,170	176,699
Egypt.	391	.....	.....
Ecuador.	249	2,198	23,866
France.	81,138	107,640	147,370
French Oceanica.	24,469	28,673	32,135
Germany.	65,637	76,762	110,056
German Oceanica. ....	.....	.....	.....
Greece. ....	.....	.....	1,130
Guatemala.	171,402	382,675	149,597
Ireland.	6,842	9,974	22,853
Italy.	34,177	54,215	43,595
Japan.	1,114,635	1,421,074	433,821
Mexico.	16,231	122,699	27,076
Miscellaneous. ....	.....	.....	.....
Netherlands.	3,761	10,688	6,389
Nicaragua.	660	3,171	3,518
Norway.	1,486	.....	.....
Other British East Indies.	19,748	8,177	3,039
Other British Oceanica. ....	.....	.....	.....
Panama.	1,500	.....	762
Peru. ....	.....	1,967	.....
Philippines.	311	27,689	65,585
Portugal. ....	.....	1,306	.....
Salvador.	34,856	186,379	135,681
Scotland.	9,590	14,881	23,348
Straits Settlements.	179,030	31,791	39,667
Siam.	10,056	3,325	.....
Spain. ....	.....	6,834	4,58
Sweden.	3,001	1,638	.....
Switzerland.	5,241	10,673	7,4
Turkey.	2,4
Total for month.	\$3,005,060	\$3,521,488	\$2,492,4

IMPORTS BY MONTHS

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NY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Russia.....	\$ 113,241	107,318	73,080
Asia.....	2,155	3,711	2,693
America.....	42,649	26,365	3,478
Columbia.....	124,612	134,025	138,392
West Indies.....	1,001	596	.....
India.....	507,584	342,972	36,799
.....	.....	2,507	.....
.....	.....	165	2,888
.....	102,378	47,549	53,953
.....	270,812	801,782	606,726
Rica.....	24,899	20,856	16,899
.....	53,845	49,842	59,322
rk.....	.....	106	.....
East Indies.....	102,891	.....	15,164
nd.....	126,242	101,416	59,130
.....	203	.....	.....
or.....	33,193	14,836	12,335
.....	147,928	127,334	95,495
Oceanica.....	41,376	50,606	30,542
ny.....	154,292	93,127	54,556
n Oceanica.....	.....	22,377	.....
.....	.....	117	.....
nala.....	328,543	278,466	203,431
l.....	3,204	4,121	2,447
.....	54,553	36,899	29,158
.....	1,229,072	1,551,946	1,089,449
.....	57,673	68,711	41,278
laneous.....	.....	.....	.....
lands.....	33,790	17,829	10,315
gua.....	6,005	13,103	6,660
y.....	403	2,262	.....
British East Indies.....	6,558	10,887	5,882
British Oceanica.....	.....	.....	.....
ia.....	.....	.....	340
.....	9,820	.....	.....
pines.....	73,283	74,538	92,980
gal.....	.....	.....	.....
lor.....	245,513	97,538	122,413
nd.....	17,498	21,344	65,203
s Settlements.....	101,533	75,258	60,174
.....	10,404	.....	.....
.....	.....	7,178	4,555
n.....	4,458	2,912	3,769
rland.....	7,554	6,713	8,274
y.....	539	.....	1,628
Total for month.....	\$4,039,704	\$4,219,979	\$3,009,408

JUNE—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	.....	.....
Asiatic Russia.....	.....	.....	\$ 120,257
Australasia.....	\$ 60,767	\$ 71,615	78,434
Austria.....	778	1,899	3,097
Belgium.....	22,197	14,618	39,395
British Columbia.....	109,019	123,625	120,371
British West Indies.....	.....	603	3,731
British India.....	339,467	233,863	328,094
Brazil.....	.....	2,873	.....
Canada.....	3,358	4,709	.....
Chili.....	115,279	23,350	116,287
China.....	406,780	433,392	220,600
Costa Rica.....	3,180	14,607	6,257
Cuba.....	54,680	46,758	30,244
Denmark.....	2,698	.....	.....
Dutch East Indies.....	14,500	139,371	21,806
England.....	65,815	86,732	65,011
Egypt.....	.....	837	228
Ecuador.....	2,136	20,853	34,655
France.....	55,921	140,611	146,893
French Oceanica.....	34,710	27,169	32,279
Germany.....	118,659	147,713	134,836
German Oceanica.....	.....	.....	.....
Greece.....	.....	917	.....
Guatemala.....	266,424	166,229	461,414
Ireland.....	730	1,273	2,618
Italy.....	38,435	27,285	43,807
Japan.....	810,351	1,314,139	65,029
Mexico.....	70,087	121,543	328,882
Miscellaneous.....	.....	.....	.....
Netherlands.....	7,263	147,827	14,675
Nicaragua.....	4,774	10,817	4,073
Norway.....	.....	235	.....
Other British East Indies.....	12,228	.....	13,564
Other British Oceanica.....	.....	.....	.....
Panama.....	.....	3,284	766
Peru.....	1,771	.....	.....
Philippines.....	259,925	133,374	119,957
Portugal.....	498	.....	.....
Salvador.....	125,898	18,940	177,848
Scotland.....	6,444	10,076	8,469
Straits Settlements.....	93,217	73,448	114,933
Siam.....	.....	.....	.....
Spain.....	9,376	5,932	759
Sweden.....	27,266	9,774	4,307
Switzerland.....	5,342	13,012	4,147
Turkey.....	6,098
Total for month.....	\$3,149,983	\$3,599,401	\$2,867,723

IMPORTS BY MONTHS

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JULY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....			\$ 5,307
Asiatic Russia.....		\$ 123,598	
Australasia.....	\$ 57,902	77,952	49,258
Austria.....	2,026	2,954	309
Belgium.....	26,904	45,544	58,791
British Columbia.....	118,732	79,048	114,803
British West Indies.....	3,831	1,755	
British India.....	355,122	83,021	210,176
Brazil.....			5,161
Canada.....	232		
Chili.....	82,157	110,892	33,323
China.....	308,853	378,669	711,316
Costa Rica.....		16,253	
Cuba.....	30,962	29,991	16,045
Denmark.....			
Dutch East Indies.....	8,790	6,356	5,295
England.....	77,141	44,599	109,456
Egypt.....			203
Ecuador.....	11,479	32,640	694
France.....	80,714	102,113	115,424
French Oceanica.....	75	14,015	
Germany.....	93,985	140,494	230,609
German Oceanica.....			
Greece.....		3,526	
Guatemala.....	57,001	225,554	134,895
Ireland.....	16,512	1,877	5,485
Italy.....	42,899	37,727	39,514
Japan.....	980,487	563,053	1,083,013
Mexico.....	25,493	95,905	47,332
Miscellaneous.....			
Netherlands.....	5,216	3,640	3,890
Nicaragua.....	2,441	2,646	3,373
Norway.....	3,679	214	
Other British East Indies.....	11,757	7,806	6,285
Other British Oceanica.....			
Panama.....			820
Peru.....	40		266
Philippines.....	262,373	56,539	72,290
Portugal.....			
Salvador.....	32,369	22,181	47,944
Scotland.....	10,899	6,790	17,428
Straits Settlements.....	77,680	33,982	37,891
Siam.....			
Spain.....	3,750	6,821	5,937
Sweden.....		1,307	21,647
Switzerland.....	4,025	9,378	3,820
Turkey.....	17,211		
Total for month.....	\$2,812,737	\$2,397,459	\$3,198,694

AUGUST—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	\$ 2,375	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 115,488	101,275	\$ 94,094
Austria.....	1,507	5,854	7,313
Belgium.....	238,440	26,146	96,993
British Columbia.....	86,411	164,904	207,901
British West Indies.....	.....	.....	3,551
British India.....	193,349	117,024	51,506
Brazil.....	.....	.....	.....
Canada.....	443	228	6,360
Chili.....	232,740	229,054	131,328
China.....	581,863	478,218	255,416
Costa Rica.....	3,283	.....	4,329
Cuba.....	45,351	19,572	10,320
Denmark.....	.....	.....	.....
Dutch East Indies.....	439,635	15,574	5,261
England.....	125,559	88,125	146,106
Egypt.....	.....	228	203
Ecuador.....	37,551	110,567	77,162
France.....	165,581	114,452	124,484
French Oceanica.....	42,343	39,276	17,122
Germany.....	165,943	168,647	132,295
German Oceanica.....	.....	.....	.....
Greece.....	.....	.....	300
Guatemala.....	102,987	368,256	294,681
Ireland.....	9,418	913	5,349
Italy.....	59,824	56,783	76,468
Japan.....	901,753	1,695,926	1,094,417
Mexico.....	36,241	76,561	67,720
Miscellaneous.....	.....	292	295
Netherlands.....	12,345	9,945	25,497
Nicaragua.....	3,661	8,747	8,860
Norway.....	6,105	1,491	.....
Otner British East Indies.....	21,899	.....	9,127
Other British Oceanica.....	.....	15,594	11,809
Panama.....	1,165	.....	3,066
Peru.....	55,476	.....	.....
Philippines.....	157	45,469	7,691
Portugal.....	.....	.....	1,728
Salvador.....	29,309	3,233	50,602
Scotland.....	28,560	16,876	28,492
Straits Settlements.....	60,171	99,414	109,135
Siam.....	.....	1,892	.....
Spain.....	3,032	4,131	5,183
Sweden.....	13,658	4,609	3,941
Switzerland.....	18,209	10,980	13,143
Turkey.....	3,649
Total for month.....	\$3,839,547	\$4,002,531	\$3,196,903

IMPORTS BY MONTHS

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SEPTEMBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 83,693	\$ 55,509	\$ 72,053
Austria.....	4,800	7,974	6,222
Belgium.....	2,545	35,159	40,591
British Columbia.....	107,631	101,008	153,588
British West Indies.....	300	.....	.....
British India.....	116,597	17,343	52,921
Brazil.....	.....	.....	.....
Canada.....	1,232	3,051	.....
Chili.....	19,060	64,998	134,325
China.....	630,261	1,280,447	441,591
Costa Rica.....	.....	2,170	7,411
Cuba.....	35,824	23,046	20,855
Denmark.....	.....	.....	.....
Dutch East Indies.....	193,102	27,888	2,952
England.....	335,227	242,619	235,768
Egypt.....	.....	203	203
Ecuador.....	.....	17,397	44,920
France.....	59,270	194,705	101,795
French Oceanica.....	32,485	31,204	32,230
Germany.....	273,241	196,930	145,396
German Oceanica.....	.....	.....	101
Greece.....	.....	13,013	10,242
Guatemala.....	54,429	30,911	102,240
Ireland.....	5,277	9,580	12,320
Italy.....	103,619	30,443	53,116
Japan.....	2,040,705	2,566,632	1,499,185
Mexico.....	15,888	24,024	25,582
Miscellaneous.....	2,588	.....	2,512
Netherlands.....	23,791	24,492	12,540
Nicaragua.....	9,129	1,583	7,716
Norway.....	1,105	3,894	.....
Other British East Indies.....	7,335	10,921	6,564
Other British Oceanica.....	.....	.....	.....
Panama.....	.....	2,027	1,138
Peru.....	.....	.....	47,254
Philippines.....	163,648	318	40,407
Portugal.....	556	.....	.....
Salvador.....	15,611	.....	48,907
Scotland.....	27,955	22,630	36,878
Straits Settlements.....	36,059	84,501	24,426
Siam.....	.....	.....	.....
Spain.....	3,675	6,553	1,854
Sweden.....	341	7,089	8,319
Switzerland.....	5,752	14,208	12,090
Turkey.....	3,898	1,926	832
Total for month.....	\$4,525,492	\$5,156,196	\$3,447,044

OCTOBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	\$ 4,358	\$ 50
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 81,987	78,594	92,513
Austria.....	6,175	9,155	13,253
Belgium.....	84,076	904	26,200
British Columbia.....	128,639	106,761	117,450
British West Indies.....	932	367	34
British India.....	9,934	6,577	16,275
Brazil.....	.....	.....	.....
Canada.....	258	147	6,008
Chili.....	113,680	302,803	71,382
China.....	839,871	587,631	689,860
Costa Rica.....	84	.....	1,595
Cuba.....	159,557	61,941	19,713
Denmark.....	1,324	.....	.....
Dutch East Indies.....	210,324	25,190	4,478
England.....	269,531	140,716	81,800
Egypt.....	.....	.....	.....
Ecuador.....	79,006	27,714	50,212
France.....	152,423	152,552	122,959
French Oceanica.....	24,696	42,956	33,071
Germany.....	199,368	223,230	181,867
German Oceanica.....	87	.....	5,298
Greece.....	.....	714	1,669
Guatemala.....	29,079	183,172	34,846
Ireland.....	7,039	3,512	3,907
Italy.....	78,522	54,386	42,066
Japan.....	2,538,777	1,292,482	3,835,776
Mexico.....	34,205	33,989	81,340
Miscellaneous.....	1,348	.....	.....
Netherlands.....	8,393	16,236	11,790
Nicaragua.....	7,300	3,592	1,504
Norway.....	.....	2,197	4,247
Other British East Indies.....	10,101	10,763	5,116
Other British Oceanica.....	.....	30,000	.....
Panama.....	.....	651	3,931
Peru.....	14,600	907	45,913
Philippines.....	149	45,245	3,928
Portugal.....	1,248	.....	.....
Salvador.....	19,894	20,544	15,581
Scotland.....	20,180	14,423	17,811
Straits Settlements.....	22,993	36,408	56,460
Siam.....	.....	.....	.....
Spain.....	7,910	6,060	715
Sweden.....	2,096	11,731	10,555
Switzerland.....	11,959	18,780	5,351
Turkey.....	14,309	.....	.....
Total for month.....	\$5,192,054	\$3,557,388	\$5,716,494

NOVEMBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	\$ 2,626	\$ 6,020
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 52,340	67,440	122,524
Austria.....	5,355	3,684	9,552
Belgium.....	76,731	9,136	55,356
British Columbia.....	96,049	144,433	116,964
British West Indies.....	1,007	448	914
British India.....	41,457	111,020	26,518
Brazil.....	5,252	.....	.....
Canada.....	3,040	1,575	178
Chili.....	171,981	183,788	39,152
China.....	640,054	618,836	918,352
Costa Rica.....	.....	1,381	3,584
Cuba.....	33,496	43,401	21,741
Denmark.....	.....	.....	.....
Dutch East Indies.....	17,335	.....	228,002
England.....	93,264	143,251	130,337
Egypt.....	.....	415	.....
Ecuador.....	6,083	8,412	5,572
France.....	225,047	166,851	229,770
French Oceanica.....	40,544	51,634	57,431
Germany.....	196,012	107,452	110,274
German Oceanica.....	.....	.....	20,034
Greece.....	4,052	2,939	5,779
Guatemala.....	16,725	19,571	66,228
Ireland.....	.....	1,739	5,649
Italy.....	54,514	46,862	97,054
Japan.....	3,374,143	956,902	2,384,110
Mexico.....	32,743	23,416	24,739
Miscellaneous.....	725	.....	.....
Netherlands.....	21,957	19,452	15,775
Nicaragua.....	1,645	1,216	660
Norway.....	7,599	3,122	6,747
Other British East Indies.....	10,081	7,266	8,552
Other British Oceanica.....	.....	.....	.....
Panama.....	.....	.....	.....
Peru.....	126,467	20,554	45,913
Philippines.....	2,556	50,498	49,577
Portugal.....	.....	.....	.....
Salvador.....	3,499	98	9,795
Scotland.....	.....	115,832	10,285
Straits Settlements.....	47,991	31,445	23,487
Siam.....	.....	.....	.....
Spain.....	9,099	7,760	3,438
Sweden.....	72,851	2,067	6,014
Switzerland.....	10,245	15,953	11,364
Turkey.....	.....	772	.....
Total for month.....	\$5,501,939	\$2,893,247	\$4,831,528

DECEMBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1906	1905	1904
Aden.....	.....	\$ 2,881	.....
Asiatic Russia.....	.....	.....	\$ 36,
Australasia.....	\$ 73,826	93,555	71,
Austria.....	7,637	6,125	4,
Belgium.....	37,424	46,880	15,
British Columbia.....	164,424	191,998	121,
British West Indies.....	4,227	258	.....
British India.....	45,202	63,421	22,
Brazil.....	15,494	8,109	.....
Canada.....	1,458	1,920	.....
Chili.....	57,488	.....	235,
China.....	914,240	378,018	1,141,
Costa Rica.....	2,645	.....	2,
Cuba.....	38,095	25,378	29,
Denmark.....	2,273	.....	.....
Dutch East Indies.....	259,969	24,029	1,
England.....	350,861	275,761	158,
Egypt.....	.....	.....	.....
Ecuador.....	68,356	19,679	105,
France.....	246,994	190,358	78,
French Oceanica.....	42,853	57,185	72,
Germany.....	273,440	202,616	106,
German Oceanica.....	.....	.....	.....
Greece.....	5,478	1,948	3,
Guatemala.....	124,069	42,265	108,
Ireland.....	18,821	14,436	8,
Italy.....	131,069	73,738	35,
Japan.....	1,510,135	1,785,361	1,277,
Mexico.....	34,574	41,670	53,
Miscellaneous.....	17,848	.....	.....
Netherlands.....	26,472	8,849	14,
Nicaragua.....	5,421	3,360	.....
Norway.....	1,072	4,394	2,
Other British East Indies.....	10,264	14,822	3,
Other British Oceanica.....	.....	.....	.....
Panama.....	.....	.....	4,
Peru.....	92,301	81,662	.....
Philippines.....	40,818	47,315	54,
Portugal.....	.....	2,115	.....
Salvador.....	20,345	16,852	37,
Scotland.....	20,264	29,031	12,
Straits Settlements.....	39,918	46,935	54,
Siam.....	.....	.....	.....
Spain.....	10,624	5,078	5,
Sweden.....	5,156	9,758	5,
Switzerland.....	13,394	9,167	5,
Turkey.....	921	14,584	.....
Total for month.....	\$4,735,870	\$3,841,511	\$3,893,

EXPORT AND IMPORT SUMMARY

COMBINED EXPORT VALUES

The combined exports, treasure and merchandise, exclusive of merchandise by overland railroads, and treasure shipment by the United States Sub-Treasury during the past four years, were as follows:

VALUES	1906	1905	1904	1903
Merchandise.....	\$49,562,403	\$64,918,505	\$56,661,481	\$51,552,249
Treasure.....	12,958,354	16,341,213	15,148,744	3,680,755
Totals.....	\$62,520,757	\$81,259,718	\$71,810,225	\$55,233,004

COMBINED VALUES OF IMPORTS

The combined values of imports of merchandise and treasure from Foreign Countries during the last four years were as follows:

VALUES	1906	1905	1904	1903
Merchandise.....	\$49,192,378	\$44,249,211	\$43,409,980	\$36,522,187
Treasure.....	15,319,986	3,783,256	45,055,233	13,975,718
Total.....	\$64,512,364	\$48,032,467	\$88,465,213	\$50,497,905

SAN FRANCISCO'S TRADE SUMMARY

The combined values of all exports of merchandise and treasure by sea and all imports of merchandise and treasure at San Francisco during the last four years make the following showing:

	1906	1905	1904	1903
Merchandise Expts	\$ 49,562,403	\$ 64,918,505	\$ 56,661,481	\$ 51,552,249
Treasure Exports...	12,958,354	16,341,213	15,148,744	3,680,755
Merchandise Impts	49,192,378	44,249,211	43,409,980	36,522,187
Treasure Imports...	15,319,986	3,783,256	45,055,233	13,975,718
Total trade	\$127,033,121	\$129,292,185	\$160,275,338	\$105,730,909

NOTE.—The exports of merchandise, commodities and supplies on United States Army Transports from San Francisco, which aggregates more than \$1,250,000 per year are not included in the trade statistics, and the movement of treasure to and from non-contiguous territory of the United States is not included.

EXPORTS OF TREASURE

The following is a statement of treasure shipments from San Francisco by sea during each month of the past three years:

Months	1906	1905	1904
January.....	\$ 293,509	\$ 2,089,838	\$ 780,818
February.....	2,777,449	123,631	459,873
March.....	3,566,412	485,438	388,366
April.....	255,247	260,534	240,276
May.....	71,769	2,024,489	2,165,941
June.....	502,230	383,209	1,988,536
July.....	503,544	1,284,625	1,126,336
August.....	3,315	791,252	1,290,239
September.....	232,902	679,257	888,227
October.....	265,477	745,228	559,161
November.....	318,369	2,815,432	448,168
December.....	163,845	4,658,280	4,812,803
Total.....	\$8,954,068	\$16,341,213	\$15,148,744

The shipments of standard silver dollars and subsidiary silver coin by the United States Sub-Treasury in this city to the East during each month of the years 1905 and 1906 were as follows:

Months	1906	1905
January.....	\$ 218,780	\$ 179,550
February.....	307,214	220,850
March.....	412,520	342,570
April.....	186,272	326,925
May.....	104,120	402,815
June.....	268,436	546,605
July.....	391,869	503,345
August.....	464,390	581,425
September.....	521,472	648,725
October.....	479,318	456,125
November.....	307,260	339,165
December.....	342,635	301,780
Total.....	\$4,004,286	\$4,849,880

The total shipments by sea and overland during the last three years compare as follows:

By	1906	1905	1904
Sea.....	\$ 8,954,068	\$16,341,213	\$15,148,744
Sub-Treasury shipments.....	4,004,286	4,849,880	3,989,630
Totals.....	\$12,958,354	\$21,191,093	\$19,138,374

During the past three years the treasure shipments by sea were destined as follows:

To	1906	1905	1904
Costa Rica	\$ 2,740	.....	.....
Guatemala	7,395	\$ 1,143	\$ 2,380
Hongkong	1,664,182	11,640,317	2,791,561
China.....	279,117	336,406	1,186,691
French Oceanica	2,000	7,300	743
German Oceanica.....	3,200	.....	.....
Salvador	800	2,000	177,500
Philippine Islands.....	.....	.....	.....
Japan.....	6,812,361	3,848,011	10,820,649
Tutuila.....	27,000	29,000	2,000
Mexico.....	2,750	3,905	33,800
Nicaragua.....	.....	900	1,420
British Oceanica.....	523	.....	4,000
India.....	.....	118,900	43,000
Hawaii.....	150,000	352,957	85,000
Elsewhere.....	2,000	374	.....
Totals	\$8,954,068	\$16,341,213	\$15,148,744

Classified, the shipments by sea for a series of years, are as follows:

Year	Gold	Silver	Total
1906	\$1,214,728	\$ 7,739,340	\$ 8,954,068
1905	2,077,663	14,263,550	16,341,213
1904	4,153,265	10,995,479	15,148,744
1903	1,818,737	1,862,018	3,680,755
1902	2,947,959	11,903,830	14,851,789
1901	246,182	10,988,526	11,234,708
1900	485,687	14,665,491	15,151,178
1899	2,775,754	7,884,477	10,660,231
1898	803,481	7,887,039	8,694,695
1897	1,088,333	17,668,003	18,756,336
1896	1,138,557	14,372,272	15,510,829
1895	558,570	18,241,101	18,799,671
1894	1,048,975	12,929,894	13,978,869
1893	1,153,509	11,899,433	13,052,942
1892	875,635	13,700,943	14,576,578
1891	1,318,287	7,756,019	9,074,306
1890	1,538,819	7,128,561	8,667,380
1889	1,679,636	18,586,221	20,265,857

The various descriptions of coin and treasure shipped from San Francisco by sea during 1906 and for the two previous years, were as follows:

Description	1906	1905	1904
Gold Bullion	\$1,104,528	\$ 1,665,521	\$ 4,058,069
Silver Bullion	2,718,492	6,274,339	4,721,846
Gold Coin.....	3,175,225	410,626	92,726
Mexican Dollars.....	945,943	7,989,211	6,060,973
Gold Dust.....	4,128	1,116	2,230
U. S. Silver Coin	3,250	.....	30,000
Foreign Silver.....	1,600	.....	182,660
U. S. Currency.....	872	400	240
Total	\$8,954,068	\$16,341,213	\$15,148,744

Classified the exports of treasure and coin during each month of 1905 and 1906 exclusive of Sub-Treasury shipments were as follows:

Months	1906	1905
January.....	\$ 293,509	\$ 2,089,838
February.....	2,777,449	123,631
March.....	3,566,412	485,438
April.....	255,247	260,534
May.....	71,769	2,024,489
June.....	502,230	383,209
July.....	503,544	1,284,625
August.....	3,315	791,252
September.....	232,902	679,257
October.....	265,477	745,228
November.....	218,369	2,815,432
December.....	163,845	4,658,280
Total.....	\$8,954,068	\$16,341,213

Mexican dollars are included at their face value.

IMPORTS OF TREASURE

The treasure imports at San Francisco during the past three years were as follows:

From	1906	1905	1904
British Columbia	\$ 1,615,492	\$ 34,600	\$ 1,660
Costa Rica	465,210	208,370	160,651
Salvador	591,248	452,520	23,039
Mexico	3,114,674	2,457,212	2,618,677
Japan	3,576,316	385,553	36,587,325
Ecuador	52,103	2,015	1,080
China	61,317	42,575	.....
Australia	5,328,500	51,751	5,650,212
Peru	300,120	1,260	.....
Honduras	1,970	1,700	.....
Colombia	3,000	1,000	.....
French Oceanica	23,180	3,100	854
Guatemala	18,560	7,000	255
Manila	14,000	2,500	10,500
Nicaragua	796	.....	180
Panama	1,000	.....	800
Hongkong	152,500	130,100	.....
England .....	.....	2,000	.....
Totals	\$15,319,986	\$3,783,256	\$45,055,233

Classified, the imports during each month of 1905 and 1906 were as follows:

Months	1906	1905
January	\$ 228,056	\$ 382,516
February	324,064	166,853
March	296,386	250,419
April	190,431	247,881
May	1,635,489	342,894
June	86,200	244,832
July	310,778	350,394
August	4,487,378	329,356
September	301,962	202,802
October	5,263,902	518,955
November	1,750,030	189,467
December	445,310	555,887
Total	\$15,319,986	\$3,783,256

TRADE WITH THE ORIENT

EXPORTS

The monthly valuations of domestic merchandise shipped from San Francisco to China, exclusive of Hongkong and Russian China, during the last four years, makes the following showing:

Months	1906	1905	1904	1903
January.....	\$1,080,963	\$ 132,939	\$ 25,067	\$ 165,087
February.....	815,991	766,521	78,046	233,621
March.....	1,083,937	952,524	87,512	225,397
April.....	781,290	932,690	161,798	399,816
May.....	910,602	859,559	70,484	242,642
June.....	525,978	647,840	159,603	195,772
July.....	568,225	1,393,568	150,801	201,418
August.....	206,940	1,106,951	537,211	117,341
September.....	558,828	685,819	330,603	153,291
October.....	414,092	358,165	1,553,422	338,379
November.....	89,565	943,764	1,281,004	73,335
December.....	278,566	1,103,540	751,628	77,886
Total.....	\$7,314,977	\$9,883,880	\$5,187,179	\$2,423,985

The monthly valuations of merchandise shipped from San Francisco to Hongkong during the last four years were as follows:

Months	1906	1905	1904	1903
January.....	\$ 149,991	\$ 118,124	\$ 263,181	\$ 168,953
February.....	236,932	92,211	291,762	197,049
March.....	117,926	138,645	260,699	326,746
April.....	79,295	117,927	74,760	102,827
May.....	116,300	106,816	60,794	160,996
June.....	45,520	74,831	189,725	263,197
July.....	102,947	139,732	427,136	177,348
August.....	103,104	211,664	363,578	323,411
September.....	140,311	185,211	254,711	655,060
October.....	106,660	173,502	717,097	591,745
November.....	111,811	241,979	432,351	371,895
December.....	112,552	377,338	321,061	344,571
Total.....	\$1,423,349	\$1,977,980	\$3,656,855	\$3,683,798

The exports from San Francisco to Siam and Russian China during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January	\$1,795	\$ 46	\$ 1,432	\$ 4,776
February	402	.....	44,496	6,686
March	889	385	.....	18,210
April .....	.....	475	.....	10,460
May	1,456	528	.....	6,199
June	924	1,586	.....	8,930
July	2,084	791	.....	15,653
August	1,068	3,598	.....	25,792
September	375	2,835	.....	15,507
October	110	1,310	.....	14,972
November	183	213	.....	5,205
December .....	.....	431	.....	6,076
Total	\$9,286	\$12,198	\$45,928	\$138,466

NOTE.—Exports to Russian-China ceased with the opening of the Japan-Russian war in 1904 and all shipments during 1905 were to Siam.

The merchandise shipments from San Francisco to Siberia during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January	\$	\$	\$ 11,038	\$ 8,895
February .....	.....	.....	.....	2,886
March	78,781	.....	.....	47,052
April .....	.....	.....	45,647	43,599
May	184,850	142,996	.....	5,129
June	32,127	27,219	.....	564
July	57,661	10,834	60,418	1,874
August	5,014	6,524	.....	.....
September	56,049	161,378	.....	1,447
October	33,891	55,150	3,443	415
November	831	45,606	.....	612
December	468	.....	.....	2,519
Total	\$449,672	\$449,707	\$120,546	\$114,992

NOTE.—Export trade during 1904 and part of 1905 was irregular owing to the war.

The exports of merchandise from San Francisco to Japan during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January	\$ 422,375	\$ 1,233,416	\$ 251,051	\$ 583,154
February	601,866	1,050,773	289,822	227,671
March	1,077,239	3,375,300	595,265	402,997
April	377,911	2,031,794	748,248	245,037
May	620,272	2,347,354	474,014	167,346
June	217,069	1,913,000	529,932	204,068
July	527,970	1,140,212	627,410	225,086
August	373,802	1,036,000	386,062	179,206
September	896,572	979,328	442,506	182,118
October	1,371,052	830,688	1,369,459	355,049
November	947,043	1,432,226	1,952,139	302,163
December	1,315,437	1,178,883	2,809,666	386,792
Total	\$8,748,608	\$18,548,974	\$10,475,574	\$3,460,687

The exports from San Francisco to the Philippine Islands during the last four years, exclusive of shipments in United States Army Transports, were as follows:

MONTHS	1906	1905	1904	1903
January	\$ 129,742	\$ 147,575	\$ 39,532	\$ 75,280
February	180,224	21,255	76,893	23,795
March	72,746	199,039	121,736	56,444
April	7,484	66,037	59,505	52,086
May	138,483	114,093	45,098	47,293
June	6,890	128,806	65,363	32,322
July	54,801	78,370	62,923	73,219
August	76,715	56,271	12,116	58,742
September	122,964	203,433	91,590	60,459
October	81,364	113,398	66,893	89,579
November	126,728	154,141	110,654	68,350
December	153,951	73,814	81,483	135,178
Total	\$1,152,092	\$1,356,232	\$833,786	\$722,747

Shipments of merchandise from San Francisco to the British and Dutch East Indies during the last four years were as follows:

Month	1906	1905	1904	1903
January.....	\$ 14,631	\$ 6,384	\$ 6,324	\$ 9,190
February.....	8,753	3,692	11,674	11,292
March.....	52,385	6,610	4,841	16,290
April.....	3,274	7,941	4,565	20,255
May.....	95,652	7,412	6,048	16,924
June.....	1,339	6,427	6,837	9,519
July.....	111,719	12,982	6,431	8,680
August.....	2,517	8,638	5,940	9,387
September.....	93,373	8,442	10,189	13,153
October.....	7,510	9,578	11,833	9,070
November.....	92,959	13,111	8,199	4,985
December.....	3,927	9,301	13,567	6,956
Total.....	\$488,039	\$100,518	\$96,448	\$135,701

The exports from San Francisco to Korea during the last four years were as follows:

Months	1906	1905	1904	1903
January.....	\$ 2,349	\$ 5,211	\$ 1,132	\$ 2,041
February.....	13,284	7,641	3,203	1,802
March.....	16,294	11,051	5,158	10,279
April.....	4,053	9,843	7,152	7,028
May.....	19,036	8,288	13,487	5,093
June.....	3,850	3,938	3,844	4,273
July.....	9,334	12,704	13,833	8,325
August.....	3,037	14,404	4,145	4,772
September.....	24,273	15,108	8,603	14,956
October.....	14,442	22,821	16,524	13,203
November.....	6,791	3,689	6,332	8,107
December.....	3,096	4,209	5,861	3,274
Total.....	\$ 119,839	\$118,907	\$89,274	\$83,153

The varieties of merchandise and commodities exported from San Francisco to China, including Hongkong, during the last three years, in quantities were as follows:

Articles	1906	1905	1904
Agricultural Implements..pkgs.	82	62	26
Arms and Ammunition ...pkgs.	217	514	304
Bags and Bagging .....bales	38	57	63
Beans .....lbs.	1,728,600	2,630,417	533,732
Beer .....pkgs.	12,409	16,921	5,443
Beeswax .....lbs.	32	40	16
Bicycles .....crates	274	212	182
Books and Stationery .....pkgs.	397	354	297
Borax .....lbs.	412	219	114
Boots and Shoes .....pkgs.	922	867	347
Brandy .....gals.	6,082	6,192	6,705
Bread .....lbs.	67,124	64,914	46,933
Candy .....pkgs.	207	246	225
Candles .....bxs.	114	102	87
Canned Goods .....cs.	185,419	146,210	118,642
Cement and Plaster .....lbs.	96	80	25
China Merchandise .....pkgs.	2,134	1,842	1,739
Cider .....cs.	472	520	464
Cigars and Cigarettes .....cs.	10,619	12,140	9,555
Codfish .....pkgs.	4,112	3,983	3,284
Coffee .....lbs.	212,982	246,317	198,212
Cordage .....coils	78	94	72
Cotton .....bales	38,262	52,017	46,573
Drugs .....pkgs.	1,562	1,738	1,708
Drugs .....lbs.	8,410	7,410	2,373
Dry Goods .....pkgs.	81,940	82,316	16,858
Electric Goods .....pkgs.	261	204	226
Fertilizers .....sks.	70	18	58
Fish .....pkgs.	18,420	25,309	19,071
Flour .....bbls.	100,983	165,054	442,347
Fruit, Fresh .....bxs.	6,210	10,412	9,685
Fruit, Canned .....cs.	9,467	14,290	11,236
Fruit, Dried .....lbs.	184,190	221,604	142,299
Fruit, Dried .....cs.	1,240	2,392	1,183
Fuse .....cs.	21	37	17
Glassware .....pkgs.	2,174	2,914	2,272
Groceries and Provisions....lbs.	918,140	909,272	2,477,473
Groceries and Provisions..pkgs.	20,912	37,018	28,864
Hardware .....pkgs.	1,420	1,971	1,523
Harness .....pkgs.	18	12	19
Hay .....bales	112	530	126

Articles	1906	1905	1904
Honey .....cs.	47	92	73
Hops .....lbs.	18,914	27,413	4,906
Iron Manufactures .....pkgs.	4,971	5,728	6,605
Lard .....lbs.	40,212	64,139	35,543
Lead .....pkgs.	38,970	76,041	35,111
Leather .....pkgs.	1,012	1,184	1,033
Lime .....bbls.	72	40	150
Liquor .....cs.	12,702	11,496	6,627
Live Stock .....No.	14	15	21
Lumber .....ft.	301,220	312,560	223,216
Lumber Manufactures .....pkgs.	1,104	1,728	254
Machinery .....pkgs.	3,762	2,409	41,430
Malt .....lbs.	4,120	3,060	3,815
Marble .....pkgs.	9	8	7
Metal .....pkgs.	2,132	1,217	3,156
Millstuffs .....lbs.	456,165	487,396	416,772
Millstuffs .....pkgs.	1,940	2,009	1,026
Miscellaneous .....lbs.	1,262,102	1,298,942	1,140,520
Miscellaneous .....pkgs.	20,674	19,471	17,947
Nails .....kegs	4,218	4,080	4,735
Nuts .....sks.	320	462	108
Oats .....ctls.	180	230	630
Oil and Kerosene .....cs.	957,642	961,307	975,415
Oil and Kerosene .....bbls.	12,704	46,290	330
Paint .....cs.	215	198	160
Paper .....rolls	304	420	372
Pipe .....pcs.	119	257	210
Quicksilver .....flasks	4,250	6,000	7,000
Raisins .....bxs.	1,640	1,560	1,093
Rice .....lbs.	24,715	31,208	22,309
Salmon .....cs.	6,214	6,512	9,984
Salmon .....bbls.	26	24	18
Salt .....bales	126	167	117
Seed .....lbs.	9,270	14,209	7,276
Ship Chandlery .....pkgs.	104	84	251
Sewing Machines .....cs.	419	631	193
Silk .....cs.	1	.....	4
Sugar .....lbs.	498,312	862,874	731,203
Tallow .....lbs.	915	1,072	1,231
Tea .....lbs.	812	1,176	1,057
Tobacco .....lbs.	1,116,490	1,092,946	1,172,428
Varnish .....cs.	21	14	93
Vegetables .....sks.	2,969	1,263	7,613
Wagon Material .....pkgs.	81	98	110
Whisky .....gals.	2,140	1,175	4,160
Whisky .....cs.	618	541	1,101
Wine .....gals.	49,704	52,710	43,251
Wine .....cs.	1,462	2,179	2,285
Wire .....bndls.	3,178	2,006	2,225
Wool .....lbs.	2	.....	14

Classified the merchandise and commodities shipped from San Francisco to Japan during the last three years, in quantities were as follows:

Articles	1906	1905	1904
Agricultural Implements...pkgs.	207	618	234
Alcohol .....bbls.	914	1,141	8,916
Arms and Ammunition....pkgs.	108	142	115
Asphaltum .....pkgs.	2,640	2,518	2,426
Bags and Bagging .....bales	37	19	23
Barley .....ctls.	187,209	261,040	258,606
Beans .....lbs.	16,118	14,978	13,876
Beer .....pkgs.	127	104	192
Bicycles .....crates	4,012	4,118	5,465
Books and Stationery ....pkgs.	608	972	575
Borax .....lbs.	114	167	122
Boots and Shoes .....pkgs.	861	1,162	713
Brandy .....gals.	609	914	859
Bread .....lbs.	7,427	12,218	5,953
Candy .....pkgs.	214	79	391
Candles .....bxs.	188	240	162
Canned Goods .....cs.	206,734	230,810	40,226
Canvas .....bales	18	94	119
Cement and Plaster.....lbs.	42	60	52
China Merchandise .....pkgs.	207	214	370
Cigars and Cigarettes .....cs.	12	9	16
Codfish .....pkgs.	248	267	253
Coffee .....lbs.	38,198	50,210	15,995
Copper .....lbs.	3,268	42,372	2,240
Cordage .....coils	436	870	324
Corn .....ctls.	8	.....	276
Cotton .....bales	126,219	151,492	52,644
Drugs .....pkgs.	1,040	919	1,048
Dry Goods .....pkgs.	3,268	4,825	1,279
Electric Goods .....pkgs.	1,386	1,978	1,481
Fish .....pkgs.	276	480	622
Flour .....bbls.	24,155	20,142	24,219
Fruit, fresh .....bxs.	695	870	643
Fruit, canned .....cs.	3,162	4,162	8,196
Fruit, dried .....cs.	102,386	115,300	103,992
Fuse .....cs.	194	217	1,822
Fruit, dried .....lbs.	.....	.....	13
Glassware .....pkgs.	76	69	136
Groceries and Provisions....lbs.	171,840	207,814	264,925
Groceries and Provisions..pkgs.	10,030	13,412	10,163
Hardware .....pkgs.	861	307	1,715
Harness .....pkgs.	12	21	34
Hay .....bales	32,419	84,390	37,663
Honey .....cs.	21	16	52

Articles	1906	1905	1904
Hops .....lbs.	6,407	12,449	9,491
Iron Manufactures .....pkgs.	44,296	56,810	60,727
Iron .....tons	2,714	2,939	4,169
Lard .....lbs.	81,362	71,380	114,038
Lead .....pkgs.	14,791	42,410	51,047
Leather .....pkgs.	8,620	65,718	36,693
Lime .....bbls.	16	14	12
Liquors .....cs.	3,719	3,120	4,838
Live Stock .....No.	12	9	15
Lumber .....feet	39,618	98,420	24,390
Lumber Manufactures .....pkgs.	8,207	12,782	15,900
Machinery .....pkgs.	5,104	16,971	4,915
Malt .....lbs.	13	.....	24
Marble .....pkgs.	9	8	14
Metal .....pkgs.	2,912	3,762	139
Millstuffs .....lbs.	54,718	89,570	112,641
Millstuffs .....pkgs.	212	340	248
Miscellaneous .....lbs.	1,972,942	2,317,862	10,500,982
Miscellaneous .....pkgs.	24,318	36,490	43,702
Nails .....kegs	37,104	65,520	49,260
Nuts .....sks.	212	479	359
Oats .....sks.	33,696	54,510	31,619
Oil and Kerosene .....cs.	1,187	872	1,217
Oil and Kerosene .....bbls.	36	61	14
Paint .....cs.	672	732	634
Paper .....rolls	408	641	230
Pipe .....pes.	3,765	5,390	748
Poultry .....coops	16	4	9
Quicksilver .....flasks	2,100	3,700	2,272
Raisins .....bxs.	8,360	14,982	3,047
Rice .....lbs.	3,620	2,430	260
Salmon .....cs.	35,408	37,872	44,486
Salmon .....bbls.	316	384	17
Salt .....bales	16,724	25,607	15,054
Seed .....lbs.	3,962	5,172	3,846
Seed, Mustard .....lbs.	475	3,480	292
Ship Chandlery .....pkgs.	60	12	14
Sewing Machines .....cs.	4,270	5,764	30
Sugar .....lbs.	261,718	389,000	345,073
Tallow .....lbs.	8,172	28,215	92
Tea .....lbs.	.....	114	7
Tin .....ingots	9,642	11,204	8,534
Tobacco .....lbs.	471,896	702,860	315,429
Varnish .....cs.	240	342	275
Vegetables .....sks.	112	50	87
Wagon Materials .....pkgs.	27	49	58
Whisky .....gals.	2,180	1,620	6,140
Whiskey .....cs.	412	975	317
Wheat .....ctls.	200	100	1,700
Wine .....gals.	56,465	90,580	62,578
Wine .....cs.	976	2,162	154
Wire .....bncls.	2,740	3,218	3,584
Wool .....lbs.	24	10	17

The monthly shipments of flour from San Francisco to China during the last four years, in barrels, were as follows;

MONTH	1906	1905	1904	1903
January.....	11,041	4,180	32,470	14,070
February.....	17,430	6,186	30,099	29,665
March.....	4,377	5,559	30,541	49,618
April.....	.....	7,115	5,576	48,782
May.....	.....	12,558	2,300	24,580
June.....	500	8,570	31,429	48,495
July.....	10,281	21,670	70,178	24,547
August.....	13,680	24,580	63,098	58,156
September.....	18,359	22,045	35,576	101,691
October.....	13,730	16,750	103,519	69,808
November.....	8,710	6,549	20,645	34,829
December.....	2,875	29,292	16,916	43,570
Total.....	100,983	165,054	442,347	547,811

The monthly shipments of Flour from San Francisco to Japan during the last four years, in barrels, were as follows:

MONTH	1906	1905	1904	1903
January.....	2,512	3,495	2,033	.....
February.....	3,538	515	1,178	.....
March.....	6	3,325	1,320	2,040
April.....	.....	4,667	512	1,530
May.....	.....	4,079	353	1,260
June.....	.....	.....	4	11,048
July.....	861	4	19	11,413
August.....	6,450	.....	3,318	10,118
September.....	5,510	132	1,022	6,403
October.....	515	8	3,159	6,668
November.....	.....	11	4,884	1,542
December.....	4,763	3,906	6,417	3,538
Total.....	24,155	20,142	24,219	55,660

NOTE—The short wheat crops of California in 1905 and 1906 caused a large reduction in the exports of flour and grain.

IMPORTS

The monthly valuations of the imports of merchandise at San Francisco from the Chinese Empire including Hongkong during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January.....	\$ 584,281	\$1,020,954	\$ 691,492	\$ 458,732
February.....	450,481	332,779	1,040,048	893,571
March.....	372,399	604,231	328,242	406,055
April.....	600,310	291,117	574,702	567,939
May.....	270,812	801,782	606,726	261,234
June.....	406,780	433,392	220,600	289,245
July.....	308,853	378,669	711,316	252,713
August.....	581,863	478,218	255,416	573,616
September.....	630,261	1,280,447	441,591	491,067
October.....	839,871	587,631	689,860	517,939
November.....	640,054	618,836	918,352	363,785
December.....	914,240	378,018	1,141,708	732,299
Totals.....	\$6,600,205	\$7,206,074	\$7,620,053	\$5,808,195

The valuations of imports of merchandise at San Francisco, from Japan during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January.....	\$1,460,202	\$1,855,725	\$ 850,231	\$ 732,490
February.....	1,777,629	1,385,507	1,880,441	1,336,859
March.....	2,012,074	1,140,478	1,013,760	767,209
April.....	1,114,635	1,421,074	433,821	327,746
May.....	1,229,072	1,551,946	1,089,449	251,705
June.....	810,351	1,314,139	328,882	452,825
July.....	980,487	563,035	1,083,013	577,238
August.....	901,753	1,695,926	1,094,417	1,001,859
September.....	2,040,705	2,566,632	1,499,185	1,340,380
October.....	2,538,771	1,292,482	3,835,776	1,075,179
November.....	3,374,143	956,902	2,384,110	1,294,825
December.....	1,510,135	1,785,361	1,277,105	1,023,903
Total.....	\$19,749,963	\$17,529,207	\$16,770,190	\$10,182,218

The monthly valuations of imports of merchandise at San Francisco from the Philippine Islands during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January	\$ 358	\$ 91,513	\$ 906	\$ 12,473
February	109,954	796	92,103	31,401
March.....	12,157	803	215	1,866
April.....	311	27,689	65,585	1,429
May.....	73,283	74,538	92,980	41,374
June	259,925	133,374	119,957	45,404
July.....	262,373	56,539	72,290	54,844
August	157	45,469	7,691	40,945
September.....	163,648	318	40,407	40,795
October.....	149	45,245	3,928	49,698
November	2,556	50,498	49,577	64,465
December.....	40,818	47,315	54,679	47,641
Total.....	\$925,689	\$574,097	\$600,372	\$432,335

The valuations of imports of merchandise at San Francisco from the British and Dutch East Indies during the last four years were as follows:

MONTHS	1906	1905	1904	1903
January	\$ 166,760	\$ 43,517	\$ 54,678	\$ 188,828
February	39,934	19,990	209,810	126,123
March.....	94,699	75,122	45,385	325,426
April.....	211,796	212,998	35,598	427,492
May.....	610,475	353,859	57,845	693,846
June	351,967	373,234	363,464	322,182
July.....	363,912	897,183	221,756	321,638
August	632,984	148,192	68,576	166,839
September.....	309,699	56,152	62,437	83,506
October.....	220,258	42,530	25,869	80,280
November	58,782	118,286	263,072	55,166
December.....	305,171	102,272	26,812	100,418
Total.....	\$3,456,747	\$1,643,335	\$1,435,302	\$2,791,744

The values of San Francisco's merchandise exports to all the Oriental countries during the last four years, were as follows:

Exports To	1906	1905	1904	1903
China	\$ 7,314,977	\$ 9,883,880	\$ 5,187,179	\$ 2,423,985
Hongkong	1,423,349	1,977,980	3,656,855	3,683,798
Russian China .....	.....	.....	45,928	138,466
Siberia	449,672	449,707	120,546	114,992
Japan	8,748,608	18,548,974	10,475,574	3,460,687
Philippine Islands..	1,152,092	1,356,232	833,786	772,747
East Indies	490,591	113,086	96,448	135,701
Korea	119,839	118,907	89,274	83,153
Guam	24,207	12,219	96,348	21,968
Midway Islands.....	8,796	7,859	72,589	10,654
Total.....	\$19,732,131	\$32,468,844	\$20,674,527	\$10,846,151

The imports from all the Oriental countries at San Francisco during the last four years were as follows:

Imports From	1906	1905	1904	1903
China & Hongkong	\$ 6,600,605	\$ 7,206,074	\$ 7,620,053	\$ 5,808,195
Japan	19,749,963	17,529,207	16,770,190	10,182,218
Philippine Islands..	925,689	574,097	600,372	432,335
East Indies	3,605,784	1,643,335	1,435,302	2,791,744
Asiatic Russia .....	.....	123,598	157,135	.....
Straits Settlements.	898,505	784,774	.....	.....
Siam	3,148	5,217	.....	.....
Total.....	\$31,783,694	\$27,866,302	\$26,583,052	\$19,214,492

TONNAGE MOVEMENT

The following shows the registered net tonnage entered at the San Francisco Custom House during the years 1905 and 1906 from foreign Atlantic ports, the actual carrying capacity being largely in excess of given figures:

ARRIVALS FROM	1906				1905			
	STEAM		SAIL		STEAM		SAIL	
	No.	Tons	No.	Tons	No.	Tons	No.	Tons
Great Britain.....	6	19,212	22	51,890	2	5,478	36	79,000
Germany.....	14	49,680	8	11,240	16	48,302	3	4,000
Belgium.....	2	4,870	21	40,724	2	4,118	23	35,000
Holland.....	1	2,160	7	8,290	2	3,612	1	1,000
France.....			3	2,148	1	1,968		
Italy.....	1	1,684	3	3,228			1	1,000
Australia.....	19	76,410	35	31,276	17	68,254	71	68,000
Hawaii.....	62	134,163	83	91,374	56	128,028	108	108,000
Mexico.....	14	36,729	11	6,207	14	17,639	5	4,000
Hongkong.....	42	171,208	2	2,170	44	158,184		
Japan.....	5	14,471	1	1,482	9	21,376	4	5,000
China.....	7	14,298	2	2,638	3	4,793	4	4,000
Alaska.....	14	21,792	21	38,368	13	17,602	38	61,000
Pacific Islands.....	2	4,170	8	1,765	1	2,173	8	2,000
British Columbia.....	164	291,176	8	10,602	152	301,422	7	9,000
Philippine Islands.....	2	5,169			16	69,080		
Siberia.....			2	516			1	
Tahiti.....	11	21,374	2	662	6	14,976	2	
Chili.....	1	2,168	6	8,437			12	10,000
Peru.....	1	1,216			1	1,260		
Panama.....	59	158,964	1	974	52	114,118		
Ecuador.....			1	936			1	
South Africa.....			1	1,478			1	
India.....			2	3,173			2	1,000
Sea in distress.....			1	1,424			1	1,000
Atlantic States.....	18	92,462	9	17,158	14	70,746	2	2,000
Elsewhere.....	40	70,000	2	2,014	8	13,806	2	1,000
Totals.....	485	1,193,376	262	340,184	429	1,066,935	323	415,000
Coasting.....		1,672,821		617,962		1,492,780		684,000
Grand Total Tonnage.....		2,866,197		958,146		2,559,715		1,099,000

The total annual inward tonnage movement at San Francisco, exclu of the coasting trade, for a series of years past is as follows:

YEARS	STEAM		SAIL		TOTALS	
	No.	Tons	No.	Tons	No.	Tons
1889.....	304	453,803	678	706,529	982	1,160,332
1890.....	309	470,348	582	610,120	891	1,280,468
1891.....	358	573,673	783	898,753	1141	1,472,426
1892.....	312	488,511	684	776,827	996	1,265,338
1893.....	337	530,463	565	642,188	902	1,172,651
1894.....	323	541,348	606	685,312	929	1,226,660
1895.....	324	568,442	583	709,183	907	1,277,625
1896.....	338	612,580	625	768,187	963	1,380,767
1897.....	285	520,394	535	634,073	820	1,154,467
1898.....	330	592,865	494	530,092	824	1,122,957
1899.....	438	802,085	444	479,919	882	1,282,004
1900.....	473	914,897	479	572,919	952	1,487,816
1901.....	484	993,739	479	568,311	963	1,562,050
1902.....	430	923,757	488	674,981	918	1,597,738
1903.....	422	1,019,959	445	652,021	867	1,671,980
1904.....	427	982,708	348	503,020	775	1,485,728

TONNAGE MOVEMENT

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The clearances from San Francisco during 1905 and 1906 were as follows:

SAILING FOR	1906				1905			
	STEAM		SAIL		STEAM		SAIL	
	No.	Tons	No.	Tons	No.	Tons	No.	Tons
Great Britain.....	2	2,940	15	31,782	1	3,160	25	52,419
Germany	18	44,207	1	1,362	29	69,274		
Samoa.....			2	910			2	924
Tasmania.....			1	518			1	780
Italy.....			1	1,360			1	1,862
Australia.....	17	61,412	23	41,030	16	59,351	28	63,371
Hawaii.....	64	138,941	112	144,205	60	130,792	106	132,467
Mexico.....	10	22,316	12	5,328	13	25,207	14	5,902
Hongkong.....	28	121,474			30	128,398		
Japan.....	18	58,286			16	46,012		
China.....	3	5,104	1	1,140	2	4,782		
Pacific Islands.....	2	2,112	7	4,823	2	2,360	6	5,438
British Columbia.....	126	238,977	4	5,282	132	249,471	3	4,267
Philippine Islands	1	1,628			1	1,760		
Siberia	9	18,236	2	3,470	12	25,207	4	4,380
Central America.....	4	5,478	4	1,782	2	3,916	3	1,621
Chili.....	6	11,942	5	5,364	12	22,604	4	6,207
Peru.....	1	1,940			2	2,618		
Panama.....	46	83,614			48	89,750		
Colombia.....	1	696	1	312	2	670	2	214
South Africa.....			1	1,428			1	1,104
Tahiti.....	10	18,212	2	1,328	12	21,359		
Ecuador.....	1	1,732			1	1,960	1	485
Atlantic States	12	41,317	8	14,982	11	39,296	10	21,240
Whaling.....	6	2,140	5	1,312	9	2,460	6	1,624
Guam.....			1	418	1	1,120		
Elsewhere....	29	41,975	24	28,609	21	48,271	42	71,864
Totals	414	924,679	232	306,745	435	989,796	259	376,169
Coasting.....						1,762,846		675,570
Grand Total Tonnage.....						2,752,642		1,051,739

The total amount outward tonnage movement from San Francisco exclusive of the coasting trade, for a series of years past, is as follows:

YEARS	STEAM		SAIL		TOTAL	
	No.	Tons	No.	Tons	No.	Tons
1889.....	289	448,292	625	654,011	914	1,102,303
1890.....	296	459,635	572	617,223	868	1,076,858
1891.....	338	559,273	670	736,149	1008	1,295,422
1892.....	312	498,415	615	692,330	937	1,180,745
1893.....	361	572,980	662	752,649	1023	1,325,629
1894.....	335	548,416	551	617,389	886	1,165,805
1895.....	321	560,622	530	638,364	851	1,198,986
1896.....	331	607,119	574	683,603	905	1,290,722
1897.....	301	537,902	558	689,970	859	1,227,872
1898.....	313	567,542	419	464,153	732	1,031,695
1899.....	431	790,463	442	459,996	873	1,250,459
1900.....	471	903,986	443	504,466	914	1,408,452
1901.....	473	873,053	428	524,000	901	1,497,053
1902.....	428	907,800	429	560,247	857	1,468,047
1903.....	437	1,036,112	385	560,209	822	1,596,231
1904.....	421	994,718	331	414,018	752	1,408,736

TONNAGE ACCORDING TO NATIONALITY.

Combining the arrivals and departures, sail and steam, for 1905, the total registered tonnage according to nationality, was as follows:

Nationality.	Arrivals.		Departures.	
	No.	Tons.	No.	Tons.
American	464	849,846	450	822,785
British	130	298,174	120	257,415
Norwegian	27	66,742	24	49,808
French	46	118,279	42	91,716
Italian.....	3	5,128	2	3,694
Argentine				
German	49	112,208	45	101,247
Japanese	7	32,469	6	29,602
Dutch	3	4,610	2	4,610
Danish	2	3,108	3	3,108
Russian	1	1,920	1	1,920
Totals.....	732	1,482,484	695	1,365,965

The arrivals and departures of deep-water tonnage at and from San Francisco during each month of 1905 was as follows:

Month.	Arrivals.		Departures.	
	No.	Tons.	No.	Tons.
January	45	94,585	48	98,18
February.....	60	115,769	50	91,263
March.....	67	123,218	74	138,232
April.....	64	130,720	61	117,820
May	59	126,862	53	106,647
June	61	129,546	49	99,429
July.....	58	122,294	52	104,864
August.....	63	127,802	55	109,568
September.....	66	133,529	60	110,631
October	57	114,482	67	128,008
November	58	110,199	60	131,442
December	74	153,478	65	129,877
Totals.....	732	1,482,484	694	1,365,965

Vessels to and from domestic Coast ports are not included in the foregoing figures.

TONNAGE ACCORDING TO NATIONALITY.

Combining the arrivals and departures, sail and steam, for 1906, the total registered tonnage according to nationality, was as follows:

Nationality.	Arrivals.		Departures.	
	No.	Tons.	No.	Tons.
American	442	827,964	424	774,203
British	123	273,987	112	220,412
Norwegian	38	82,471	32	73,410
French	60	147,598	54	121,132
Italian	6	8,904	6	6,208
Argentine	1	1,402	1	1,206
German	62	147,117	10	24,485
Japanese	8	34,276	4	6,340
Dutch	4	4,825	2	2,716
Danish	1	1,842	1	1,312
Russian	2	3,174	.....	.....
Totals	747	1,533,560	646	1,231,424

The arrivals and departures of deep-water tonnage at and from San Francisco during each month of 1906 was as follows:

Month.	Arrivals.		Departures.	
	No.	Tons.	No.	Tons.
January	62	129,700	53	101,715
February	44	97,649	37	81,902
March	67	131,326	58	104,465
April	72	143,565	65	111,292
May	59	115,777	50	98,216
June	48	97,288	38	83,328
July	59	122,814	52	99,470
August	60	132,286	52	101,845
September	68	140,943	59	105,267
October	77	167,643	68	115,504
November	69	129,389	60	106,146
December	62	125,177	54	102,274
Totals	747	1,533,560	646	1,231,424

Vessels to and from Domestic Coast ports are not included in the foregoing figures.

EXPORTS OF FLOUR, WHEAT AND BARLEY

The shipments of each year for the last four cereal years, ending June 30, respectively, are as follows:

WHEAT.

	1905-1906	1904-1905	1903-1904	1902-1903
Destination.	Centals	Centals	Centals	Centals
Ports of Call.....	204,879	746,442	850,806	2,352,438
United Kingdom.....	35,739	41,126	166,080	349,346
Continent.....			25,760	23,610
South America.....			12,988	19,481
Australia.....				1,726,315
Africa.....				740,489
Miscellaneous.....	21,558	20,973	26,938	41,172
Totals.....	262,176	808,541	1,082,572	5,252,851

FLOUR.

Destination.	Barrels	Barrels	Barrels	Barrels
China.....	154,234	354,100	465,498	547,811
Japan.....	10,117	34,900	45,084	55,660
Hawaii and Pacific Isl' ds.	91,271	108,627	124,121	128,822
East Indies.....				
Siberia.....	12,600	17,176	5,305	4,628
Mexico.....	15,126	8,369	8,635	8,934
Central Amer. & Panama.	164,580	201,356	169,143	105,545
South America.....	22,384	32,218	21,802	48,929
United Kingdom.....		5,008	36,051	24,325
Australia.....			11	60,800
Miscellaneous.....	70,357	314	3,716	3,410
Totals.....	540,669	763,068	879,366	988,864

BARLEY.

Destination.	Centals	Centals	Centals	Centals
United Kingdom.....	702,499	1,221,795	3,182,503	2,359,403
Continent.....	222,023		415,972	280,792
Australia.....	23,046	13,440	115,975	348,681
Russia.....		40,000		
New York.....				
Railroad to East.....		192,400		
Japan.....	63,605	270,058	139,220	
Miscellaneous.....	407,617	481,723	406,881	501,922
Totals.....	1,418,790	2,219,416	4,260,551	3,544,859

WHEAT AND FLOUR.

Receipts of Flour and Wheat at San Francisco for the year ending December 31, 1906, and the preceding year were as follows;

FLOUR.			WHEAT.		
	—Barrels—			—Centals—	
	1906	1905		1906	1905
California.....	515,435	649,546	California.....	649,166	781,447
Oregon, etc....	348,845	396,438	Oregon, etc....	910,989	2,906,106
Totals.....	864,280	1,045,984	Totals.....	1,560,155	3,687,553

Receipts of Flour and Wheat from January 1, 1906, to December 31, 1906, inclusive, reduced to Wheat centals.

Flour*—California, 515,435 barrels.....	1,546,305	}	2,195,471
Wheat—California, centals.....	649,166		
Flour*—Oregon, 348,845 barrels.....	1,046,535	}	1,957,524
Wheat—Oregon, centals.....	910,989		
Total receipts, centals.....			4,152,995

Receipts of Flour and Wheat combined from January 1, 1905, to December 31, 1905, inclusive..... 6,925,505

Decrease in receipts for 1906, centals..... 1,772,510

Exports of Flour and Wheat from January 1, 1906, to December 31, 1906, inclusive, reduced to Wheat centals.

Flour*—430,102 barrels.....	1,290,036	}	1,688,884
Wheat—centals.....	398,848		

Exports from January 1, 1905, to December 31, 1905, inclusive:

Flour*—592,689 barrels.....	1,778,067	}	1,962,533
Wheat—centals.....	184,466		

Decrease in exports for 1906, centals.... 273,649

Value of Flour and Wheat shipments from January 1, 1906, to December 31, 1906, inclusive;

Flour, 430,012 barrels.....	\$2,150,060	
Wheat, 398,848 centals.....	558,387	
		\$2,708,447

Value of shipments from January 1, 1905, to December 31, 1905, inclusive:

Flour, 592,689 barrels.....	\$2,489,290	
Wheat, 184,466 centals.....	276,715	
		\$2,766,005

Decrease in value of shipments for 1906.... \$ 57,558

*Flour is reduced to Wheat at the rate of three centals of wheat to one barrel of Flour.

The receipts of Wheat and Flour, at San Francisco, from all sources, for a series of fiscal years were as follows:

HARVEST YEARS	RECEIPTS		
	FLOUR BARRELS	WHEAT CENTALS	EQUAL TO CTLS. WHEAT
July 1, 1857, to June 30, 1858.....	35,966	243,052	350,920
July 1, 1858, to June 30, 1859.....	68,554	433,002	638,664
July 1, 1859, to June 30, 1860.....	91,407	985,026	1,259,247
July 1, 1860, to June 30, 1861.....	113,779	2,160,723	2,502,060
July 1, 1861, to June 30, 1862.....	106,565	1,361,218	1,680,913
July 1, 1862, to June 30, 1863.....	159,588	1,864,652	2,343,416
July 1, 1863, to June 30, 1864.....	100,602	1,846,118	2,147,924
July 1, 1864, to June 30, 1865.....	134,735	527,881	932,086
July 1, 1865, to June 30, 1866.....	181,498	2,207,158	2,751,652
July 1, 1866, to June 30, 1867.....	300,749	4,999,346	5,901,593
July 1, 1867, to June 30, 1868.....	201,186	5,031,966	5,635,524
July 1, 1868, to June 30, 1869.....	223,350	6,046,350	6,716,400
July 1, 1869, to June 30, 1870.....	181,517	6,172,635	6,716,186
July 1, 1870, to June 30, 1871.....	123,513	4,422,729	4,793,268
July 1, 1871, to June 30, 1872.....	139,982	2,391,666	2,811,612
July 1, 1872, to June 30, 1873.....	222,279	10,780,895	11,447,732
July 1, 1873, to June 30, 1874.....	469,533	7,829,821	9,238,420
July 1, 1874, to June 30, 1875.....	461,845	9,807,776	11,193,311
July 1, 1875, to June 30, 1876.....	457,365	6,597,288	7,969,383
July 1, 1876, to June 30, 1877.....	514,298	10,803,776	12,346,670
July 1, 1877, to June 30, 1878.....	382,697	4,454,838	5,602,929
July 1, 1878, to June 30, 1879.....	472,155	10,101,075	11,517,540
July 1, 1879, to June 30, 1880.....	492,911	10,887,604	12,366,337
July 1, 1880, to June 30, 1881.....	594,876	16,217,284	18,001,912
July 1, 1881, to June 30, 1882.....	810,844	20,883,788	23,316,320
July 1, 1882, to June 30, 1883.....	1,031,499	15,337,207	18,431,704
July 1, 1883, to June 30, 1884.....	1,289,591	12,817,069	16,685,842
July 1, 1884, to June 30, 1885.....	1,301,019	17,298,686	19,201,743
July 1, 1885, to June 30, 1886.....	1,181,002	12,604,635	16,147,641
July 1, 1886, to June 30, 1887.....	1,123,489	14,140,355	17,510,822
July 1, 1887, to June 30, 1888.....	1,149,578	9,710,625	13,159,359
July 1, 1888, to June 30, 1889.....	1,208,745	14,238,096	17,864,331
July 1, 1889, to June 30, 1890.....	1,454,537	14,758,497	19,122,108
July 1, 1890, to June 30, 1891.....	1,502,730	15,220,844	19,729,034
July 1, 1891, to June 30, 1892.....	1,329,585	13,879,305	17,868,060
July 1, 1892, to June 30, 1893.....	1,391,461	11,531,702	15,706,085
July 1, 1893, to June 30, 1894.....	1,061,015	10,806,736	13,989,781
July 1, 1894, to June 30, 1895.....	1,345,529	10,889,037	14,925,624
July 1, 1895, to June 30, 1896.....	1,410,886	10,355,285	14,587,943
July 1, 1896, to June 30, 1897.....	1,484,572	10,789,299	15,243,015
July 1, 1897, to June 30, 1898.....	1,334,513	10,313,379	14,316,918
July 1, 1898, to June 30, 1899.....	1,426,019	3,213,083	7,491,140
July 1, 1899, to June 30, 1900.....	1,633,806	7,157,027	12,058,445
July 1, 1900, to June 30, 1901.....	1,656,873	8,918,523	13,889,142
July 1, 1901, to June 30, 1902.....	1,697,846	10,310,905	15,404,543
July 1, 1902, to June 30, 1903.....	1,515,701	6,242,859	10,789,962
July 1, 1903, to June 30, 1904.....	1,391,735	2,512,618	6,687,823
July 1, 1904, to June 30, 1905.....	1,187,682	2,840,918	6,403,964
July 1, 1905, to June 30, 1906.....	813,112	3,710,837	6,150,173

The quantities and values of Wheat and Flour exports from San Francisco by sea during the past thirty calendar years were as follows:

CALENDAR YEARS	WHEAT		FLOUR	
	Centals	Value	Barrels	Value
1906.....	398,848	\$ 558,387	430,012	\$2,150,060
1905.....	3,719,904	5,579,990	1,037,484	4,678,677
1904.....	1,192,391	1,669,350	836,239	3,846,700
1903.....	2,759,525	3,890,930	873,190	3,929,355
1902.....	8,237,782	10,297,227	1,188,884	4,161,093
1901.....	9,294,538	9,526,812	1,169,184	3,624,470
1900.....	7,733,667	7,923,347	1,130,353	3,671,963
1899.....	3,245,434	3,576,329	970,396	3,276,430
1898.....	3,964,817	5,694,448	810,516	3,383,755
1897.....	9,250,591	13,884,158	869,767	3,900,004
1896.....	12,208,241	14,455,656	1,171,528	4,214,396
1895.....	11,051,002	10,418,012	948,762	2,762,501
1894.....	7,200,816	6,648,095	787,457	2,372,012
1893.....	10,875,268	12,725,413	882,580	3,185,498
1892.....	9,762,816	14,254,905	1,115,267	4,680,704
1891.....	16,947,917	27,323,251	1,231,993	5,781,590
1890.....	13,014,306	17,277,604	1,190,262	4,835,539
1889.....	12,115,075	16,641,194	1,130,950	4,754,859
1888.....	11,720,100	18,318,477	822,347	3,392,182
1887.....	9,064,145	14,714,321	797,232	3,409,963
1886.....	15,832,155	21,443,167	1,124,615	4,372,965
1885.....	11,842,242	16,428,985	1,298,169	5,326,258
1884.....	12,158,714	17,329,448	1,201,761	5,288,575
1883.....	12,960,540	22,978,530	1,246,218	6,220,627
1882.....	18,756,239	31,355,452	959,889	4,808,291
1881.....	20,006,540	30,821,996	785,078	3,569,190
1880.....	9,452,099	15,243,378	560,770	2,754,267
1879.....	10,540,197	19,258,457	511,600	2,548,486
1878.....	8,062,287	14,462,182	489,462	2,614,764

WHEAT CROPS AND DISTRIBUTION

The following table shows the rainfall at San Francisco for a series of years and the wheat crop of California and distribution, in centals.

Season	Rain- fall	Crop Year	Crop	Exports	Local Con- sumption	Carry over Stock	Imports
1890-91	17.58	1891	21,095,440	16,586,380	6,000,000	2,451,000	1,964,000
1891-92	18.53	1892	20,445,960	13,489,480	6,300,000	5,727,580	1,520,100
1892-93	21.75	1893	19,904,640	11,883,540	6,500,000	7,878,980	1,630,300
1893-94	18.47	1894	14,335,844	11,095,480	7,200,000	6,456,000	768,540
1894-95	25.70	1895	15,730,004	13,613,980	6,800,000	2,930,700	1,168,560
1895-96	21.25	1896	17,452,041	13,452,693	7,000,000	1,990,272	2,060,224
1896-97	23.43	1897	18,351,786	12,907,953	6,800,000	3,388,606	2,754,501
1897-98	9.38	1898	7,341,220	4,259,913	7,000,000	3,585,606	4,115,693
1898-99	16.87	1899	19,462,047	9,455,737	6,860,000	8,615,583	1,883,667
1899-1900	18.47	1900	12,230,516	11,211,648	7,190,000	4,218,718	1,774,267
1900-01	21.17	1901	18,620,263	13,710,220	7,270,000	2,984,147	1,125,386
1901-02	18.98	1902	11,255,698	8,576,530	6,785,000	1,401,910	2,523,595
1902-03	18.28	1903	8,958,599	3,631,899	7,181,500	2,636,430	2,950,320
1903-04	20.59	1904	6,537,131	3,665,370	7,306,660	1,105,539	2,904,008
1904-05	23.45	1905	3,396,216	1,800,922	7,535,920	1,846,878	6,885,973

The exports of Wheat and Flour from San Francisco by sea, from July 1, 1858, to June 30, 1906, by fiscal years, were as follows:

HARVEST YEARS	EXPORTS		
	FLOUR BARRELS	WHEAT CENTALS	EQUAL TO CTLS. WHEAT
July 1, 1858, to June 30, 1859.....	20,577	123	61,854
July 1, 1859, to June 30, 1860.....	58,926	381,768	558,546
July 1, 1860, to June 30, 1861.....	197,181	1,529,924	2,121,467
July 1, 1861, to June 30, 1862.....	101,652	851,844	1,156,800
July 1, 1862, to June 30, 1863.....	144,883	1,043,652	1,478,301
July 1, 1863, to June 30, 1864.....	152,633	1,074,292	1,529,191
July 1, 1864, to June 30, 1865.....	91,479	25,369	299,806
July 1, 1865, to June 30, 1866.....	279,554	1,039,515	1,877,177
July 1, 1866, to June 30, 1867.....	465,337	3,636,190	5,032,201
July 1, 1867, to June 30, 1868.....	423,189	3,803,778	5,073,345
July 1, 1868, to June 30, 1869.....	453,920	4,374,524	5,736,284
July 1, 1869, to June 30, 1870.....	352,962	4,863,891	5,922,776
July 1, 1870, to June 30, 1871.....	196,219	3,571,846	4,160,503
July 1, 1871, to June 30, 1872.....	270,079	1,404,382	2,214,619
July 1, 1872, to June 30, 1873.....	263,645	9,822,688	10,613,623
July 1, 1873, to June 30, 1874.....	644,710	7,273,241	9,207,371
July 1, 1874, to June 30, 1875.....	485,551	8,793,354	10,241,007
July 1, 1875, to June 30, 1876.....	445,143	6,136,460	7,571,889
July 1, 1876, to June 30, 1877.....	524,885	10,513,104	12,087,759
July 1, 1877, to June 30, 1878.....	442,061	3,969,728	5,295,911
July 1, 1878, to June 30, 1879.....	530,549	10,012,220	11,603,867
July 1, 1879, to June 30, 1880.....	496,572	10,626,692	12,116,408
July 1, 1880, to June 30, 1881.....	660,763	13,371,603	15,353,892
July 1, 1881, to June 30, 1882.....	860,850	22,279,545	24,862,095
July 1, 1882, to June 30, 1883.....	1,099,652	14,601,796	17,900,752
July 1, 1883, to June 30, 1884.....	1,262,351	11,368,267	15,155,320
July 1, 1884, to June 30, 1885.....	1,304,412	16,113,924	20,027,160
July 1, 1885, to June 30, 1886.....	1,087,191	11,322,325	14,583,898
July 1, 1886, to June 30, 1887.....	998,312	12,334,114	15,329,050
July 1, 1887, to June 30, 1888.....	852,687	8,773,887	11,331,948
July 1, 1888, to June 30, 1889.....	909,032	13,385,095	16,112,191
July 1, 1889, to June 30, 1890.....	1,189,629	13,702,191	17,271,078
July 1, 1890, to June 30, 1891.....	1,185,410	13,836,467	17,392,697
July 1, 1891, to June 30, 1892.....	1,083,577	12,945,956	16,196,687
July 1, 1892, to June 30, 1893.....	1,113,291	10,555,242	13,895,115
July 1, 1893, to June 30, 1894.....	800,026	9,014,228	11,414,306
July 1, 1894, to June 30, 1895.....	922,476	9,602,661	12,370,098
July 1, 1895, to June 30, 1896.....	961,331	10,359,414	13,243,407
July 1, 1896, to June 30, 1897.....	1,120,027	10,103,775	13,463,856
July 1, 1897, to June 30, 1898.....	824,266	10,056,558	12,529,356
July 1, 1898, to June 30, 1899.....	1,309,416	2,285,862	5,314,110
July 1, 1899, to June 30, 1900.....	1,195,783	6,519,771	10,107,120
July 1, 1900, to June 30, 1901.....	1,091,684	7,990,186	11,265,238
July 1, 1901, to June 30, 1902.....	1,178,235	9,671,107	13,205,812
July 1, 1902, to June 30, 1903.....	988,864	5,252,851	8,219,443
July 1, 1903, to June 30, 1904.....	836,239	1,192,451	3,701,168
July 1, 1904, to June 30, 1905.....	763,068	808,541	3,097,745
July 1, 1905, to June 30, 1906.....	540,669	262,176	2,430,548

WHEAT QUOTATIONS

The following prices are for No. 1 White Wheat per cental, based on actual transactions in the San Francisco market during each month of the last two cereal years.

Month	1904-1905			1905-1906		
	Average	Highest	Lowest	Average	Highest	Lowest
January.....	\$1 29½	\$1 37½	\$1 23¼	\$1 45¾	\$1 49	\$1 41¾
February.....	1 41¼	1 46¼	1 37½	1 37¼	1 44½	1 30
March.....	1 44½	1 48¼	1 40	1 33½	1 36¾	1 30½
April.....	1 48½	1 50	1 45	1 39½	1 43¼	1 35½
May.....	1 47¼	1 50	1 45	1 38½	1 42¼	1 34¼
June.....	1 47½	1 50	1 45	1 35½	1 36¼	1 34
July.....	1 49½	1 52½	1 45	1 30¾	1 32¾	1 28
August.....	1 52½	1 55	1 50	1 27½	1 29¼	1 26
September.....	1 52½	1 55	1 50	1 26¼	1 27½	1 25
October.....	1 49½	1 55	1 45	1 27½	1 31	1 26½
November.....	1 50½	1 55	1 45	1 34½	1 35	1 34
December.....	1 52½	1 55	1 50	1 31½	1 33	1 30¼

The ruling prices for No. 1 White Wheat per cental for a series of years past are as follows:

Year	Average	Highest	Lowest	Year	Average	Highest	Lowest
1905-06..	\$1 33½	\$ 1 49	\$1 25	1884-85..	\$1 31½	\$1 50	\$1 15
1904-05..	1 47¼	1 55	1 23¼	1883-84..	1 64¾	1 90	1 42½
1903-04..	1 37¼	1 50	1 23¼	1882-83..	1 73½	2 05	1 60
1902-03..	1 32½	1 55	1 12½	1881-82..	1 60	1 75	1 30
1901-02..	1 05	1 16¼	95	1880-81..	1 42½	1 62½	1 25
1900-01..	1 00	1 06¼	97	1879-80..	1 82	2 15	1 45
1899-00..	1 01	1 12½	90	1878-79..	1 67¾	1 77½	1 57½
1898-99..	1 14½	1 25	1 05	1877-78..	2 18	2 45	1 82½
1897-98..	1 47½	1 82½	1 20	1876-77..	1 92¼	3 00	1 45
1896-97..	1 26¾	1 57½	90	1875-76..	1 93½	2 32½	1 67½
1895-96..	1 01½	1 17½	88¾	1874-75..	1 62	1 85	1 52½
1894-95..	87½	95	76¼	1873-74..	2 05¼	2 35	1 70
1893-94..	1 01¼	1 16¼	90	1872-73..	1 76¼	2 05	1 50
1892-93..	1 27¾	1 37½	1 17½	1871-72..	2 34	2 82½	1 87½
1891-92..	1 63¾	1 90	1 38¾	1870-71..	2 20½	3 10	1 65
1890-91..	1 46¼	1 85	1 27½	1869-70..	1 69	1 82½	1 55
1889-90..	1 28¾	1 38¾	1 25	1868-69..	1 87	2 12½	1 55
1888-89..	1 34½	1 65	1 26¼	1867-68..	2 36	3 05	1 67½
1887-88..	1 40¼	2 00	1 22½	1866-67..	1 73	2 15	1 35
1886-87..	1 52½	1 87½	1 20	1865-66..	2 11	4 75	1 62½
1885-86..	1 43½	1 52½	1 17½				

BARLEY QUOTATIONS.

Average highest and lowest prices of No. 1 Feed Barley for each month of the last two cereal years. Quotations are based on actual transactions in the San Francisco Market.

Month	1904-1905			1905-1906		
	Average	Highest	Lowest	Average	Highest	Lowest
July.....	\$1 02½	\$1 03¾	\$0 95	\$ 95¾/8	\$1 00¼	\$ 90½
August.....	1 07¼	1 10	1 03¾	98¾	1 005/8	97
September.....	1 08½	1 12½	1 05	1 04¾/8	1 09¼	99½
October.....	1 10	1 12½	1 07½	1 155/8	1 22½	1 08¾
November.....	1 10½	1 13¾	1 07½	1 18¾	1 22	1 15½
December.....	1 12¼	1 15	1 10	1 22½	1 25	1 20
January.....	1 17½	1 21¼	1 12½	985/8	1 04	93¾/8
February.....	1 20	1 22½	1 17½	94¾	96	93½
March.....	1 22	1 25	1 18¾	96	97¼	94½
April.....	1 22¼	1 25	1 20	97¾	98¾	96¾
May.....	1 23¾	1 30	1 18¾	96¾	97	96½
June.....	1 06¼	1 22½	92½	93½	96½	90½

BARLEY QUOTATIONS FOR A SERIES OF YEARS.

Average Highest and Lowest Price No. 1 Feed Barley, Spot, per cental.

Year	Average	Highest		Lowest	
1905-06.....	\$1 07½	\$1 25	December	\$ 90½	July, June
1904-05.....	1 13¾	1 30	May	92½	June
1903-04.....	1 097/8	1 16¼	Sept., Oct.	95	June
1902-03.....	1 10½	1 26¼	December	90	July, Aug., June
1901-02.....	83¾	1 02½	May	70	July, Sept., Oct.
1900-01.....	74¾	82½	April	70	July, Sept., Nov.
1899-1900..	79	1 00	July	67½	June
1898-99.....	1 19	1 35	December	87½	June
1897-98.....	1 01	1 45	April	70	July
1896-97.....	75	92½	November	66¼	July
1895-96.....	66¾	73¾	June	53¾	September
1894-95.....	77¾	87½	July, August	57½	June
1893-94.....	79¾	1 12½	May	65	Aug., Sept.
1892-93.....	85¾	93¾	August	78¾	June
1891-92.....	1 05¼	1 20	July	92½	June
1890-91.....	1 397/8	1 65	June	1 00	July
1889-90.....	81¾	1 06¼	May	63¾	July
1888-89.....	75¾	85	Sept., Nov., Feb.	57½	May, June
1887-88.....	86¾	1 08¾	July	75	Jan., Mar., Apr
1886-87.....	1 00½	1 20	May	80	August
1885-85.....	1 28	1 50	October	76¼	June

CEREAL EXPORTS.

The clearances of flour and grain cargoes from San Francisco, by sea, during 1905-06, and the totals for a series of years, are as follows:

1905	Flour Bbls.	Wheat Ctls.	Barley Ctls.	Oats Ctls.	Corn Ctls.	Rye Ctls.
January	41,298	138,853	237,071	136	6,533	.....
February	27,458	1,373	68,916	2,423	6,874	.....
March	40,396	2,266	213,439	23,835	9,089	.....
April	48,714	1,870	58,361	1,548	36,744	.....
May	59,748	1,472	22,146	1,760	27,942	.....
June	48,592	2,328	50,806	838	47,729	.....
July	55,845	1,693	28,946	2,599	7,623	.....
August	53,216	5,851	171,646	16,358	4,776	.....
September	64,355	14,183	522,385	403	3,462	.....
October	54,901	10,369	220,599	400	3,203	.....
November	28,922	1,384	97,323	837	1,373	.....
December	69,244	2,824	75,937	472	4,468	.....
1906						
January	36,986	56,800	37,682	540	2,742	.....
February	42,695	74,856	17,246	726	6,774	.....
March	32,609	10,147	119,736	421	5,159	.....
April	34,198	1,736	27,685	320	1,978	.....
May	43,145	1,175	37,748	68	1,390	.....
June	25,553	81,158	61,757	283	840	.....
July	25,157	123	27,258	339	2,136	.....
August	42,965	6,426	197,775	69	532	.....
September	42,865	289,994	330,003	107	1,556	.....
October	37,449	32,254	692,264	20	1,997	.....
November	30,023	33,451	684,233	309	995	.....
December	35,367	69,032	252,849	111	568	.....
Totals, 1906..	428,932	657,152	2,486,232	3,305	26,687	.....
Totals, 1905..	592,689	184,466	1,767,575	51,600	159,816	.....
Totals, 1904..	836,231	1,192,391	2,202,513	92,218	65,294	878
Totals, 1903..	873,190	2,759,525	3,907,027	49,587	32,407	2,810
Totals, 1902..	1,188,884	8,237,782	3,937,894	38,416	35,349	301,232
Totals, 1901..	1,169,184	9,294,538	4,072,241	151,704	10,792	144,446
Totals, 1900..	1,260,202	7,752,722	2,489,826	234,613	13,002	49,240
Totals, 1899..	1,077,580	3,247,102	3,167,383	31,033	21,389	54,215
Totals, 1898..	831,083	3,973,536	786,303	28,308	31,633	29
Totals, 1897..	869,437	9,508,591	3,405,832	23,362	78,483	69,792
Totals, 1896..	1,172,733	12,182,706	3,856,394	32,312	30,351	152,437
Totals, 1895..	949,981	11,047,414	1,622,567	16,204	46,011	.....
Totals, 1894..	787,432	7,144,017	1,058,172	21,430	178,320	12
Totals, 1893..	872,506	10,880,219	2,817,151	19,856	95,867	33,739
Totals, 1892..	1,077,956	9,726,697	1,323,495	21,982	70,648	32,420
Totals, 1891..	1,225,183	16,823,743	929,216	12,392	123,998	93,615
Totals, 1890..	1,182,111	13,019,910	318,313	28,447	78,337	96,012
Totals, 1889..	1,109,126	12,257,046	830,331	59,323	26,486	.....
Totals, 1888..	808,439	11,708,261	1,029,361	35,985	51,041	.....
Totals, 1887..	788,180	9,140,689	416,583	.....	.....	.....
Totals, 1886..	1,104,395	15,874,268	760,606	.....	.....	.....

GRAIN FREIGHTS

The following tabulation shows the highest and lowest rates paid per ton for iron ships during each month of the harvest years 1904-1905 and 1905-1906, based on the prices paid for spot engagement to Cork for orders to U. K., Havre or Antwerp.

Month	1904-1905						1905-1906					
	Average		Highest		Lowest		Average		Highest		Lowest	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
July.....	22	5	24	3	20	0	23	7	23	9	23	6
August.....	22	6	22	6	22	6	23	6	23	9	23	5
September.....	22	6	23	9	21	0	23	8	23	9	23	7
October.....	22	9	24	3	22	0	23	9	23	10	23	8
November.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
December.....	16	3	16	3	16	3	.....	.....	.....	.....	.....	.....
January.....	.....	.....	.....	.....	.....	.....	23	9	23	9	23	9
February.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
March.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
April.....	.....	.....	.....	.....	.....	.....	23	8	23	9	23	7
May.....	.....	.....	.....	.....	.....	.....	23	4	23	7	23	3
June.....	23	9	23	9	23	9	23	2	23	6	22	9

The average rates during the past twenty-five years were as follows:

Years	Grain Ships Cleared			Rates					
	Am.	Foreign	Total	Wood			Iron		
				£	s.	d.	£	s.	d.
1905-1906.....	.....	29	29	.....	.....	.....	1	2	6
1904-1905.....	1	51	52	.....	.....	.....	1	1	8
1903-1904.....	1	86	87	.....	.....	.....	0	14	9
1902-1903.....	2	135	137	.....	.....	.....	0	17	3
1901-1902.....	8	208	216	.....	.....	.....	1	10	0
1900-1901.....	10	149	159	.....	.....	.....	1	18	6
1899-1900.....	3	159	162	.....	.....	.....	1	17	5
1898-99.....	12	54	66	.....	.....	.....	1	6	0
1897-98.....	8	207	215	.....	.....	.....	1	8	0
1896-97.....	24	226	250	1	6	3	1	3	9
1895-96.....	13	195	208	1	7	0	1	6	6
1894-95.....	13	150	163	1	5	6	1	7	0
1893-94.....	26	163	189	1	5	3	1	7	7
1892-93.....	29	201	230	0	19	6	1	2	5
1891-92.....	39	234	273	1	11	11	1	11	1
1890-91.....	52	213	265	1	18	10	2	1	11
1889-90.....	55	229	284	1	13	5	1	17	3
1888-89.....	60	229	289	1	8	3	1	12	7
1887-88.....	33	165	198	1	5	6	1	6	2
1886-87.....	55	227	282	1	6	1	1	8	2
1885-86.....	88	161	249	1	9	3	1	12	6
1884-85.....	116	255	371	1	14	2	1	18	0
1883-84.....	81	210	291	1	5	8	1	14	8
1882-83.....	169	202	371	2	3	6	2	6	9
1881-82.....	154	405	559	3	5	7	3	7	3
Highest, 1880-1881.....				3	6	9	3	13	0
Lowest, 1903-1904.....				.....	.....	.....	0	14	5

The San Francisco Produce Exchange Call Board Association was organized February 27, 1882, and the sales during each cereal year until the Board was closed were as follows:

YEAR	WHEAT Tons	BARLEY Tons	TOTAL Tons
Feb. 27, 1882-June 30, 1884	686,500	2,614,103	3,300,513
1884-85	871,800	1,564,600	2,436,400
1885-86	2,228,700	590,000	2,818,700
1886-87	3,386,000	1,385,300	5,271,300
1887-88	973,400	1,083,300	2,056,700
1888-89	1,979,600	706,700	2,686,300
1889-90	1,416,400	515,700	1,932,100
1890-91	1,656,500	587,800	2,244,300
1891-92	1,717,500	859,200	2,576,700
1892-93	1,427,000	585,400	2,012,400
1893-94	2,111,500	694,800	2,806,300
1894-95	3,342,900	612,600	3,955,100
1895-96	1,860,800	279,200	2,140,000
1896-97	2,324,500	210,200	2,534,700
1897-98	3,378,700	577,200	3,955,900
1898-99	1,845,900	436,700	2,282,600
1899-1900	1,497,900	161,900	1,659,800
1900-01	1,016,600	138,500	1,155,100
1901-02	813,000	189,700	1,002,700
July 1 to Aug. 31, 1902	103,400	62,800	166,200

CALIFORNIA CANNED FRUITS

Trade estimates of the annual pack of Canned Fruits in 24-lb. tins and 2 dozen tins to the case, for a series of years past, are as follows:

YEAR	CASES	YEAR	CASES
1865	14,000	1886	675,000
1866	19,000	1887	772,500
1867	35,000	1888	1,360,400
1868	43,000	1889	1,420,600
1869	82,000	1890	1,495,300
1870	132,600	1891	1,571,250
1871	187,490	1892	1,602,370
1872	228,140	1893	1,418,700
1873	216,230	1894	1,528,830
1874	248,500	1895	1,639,807
1875	264,320	1896	1,602,450
1876	270,833	1897	1,942,982
1877	206,250	1898	2,085,166
1878	235,324	1899	3,003,170
1879	298,356	1900	2,775,896
1880	236,458	1901	2,677,072
1881	472,916	1902	2,252,790
1882	541,665	1903	2,783,504
1883	593,750	1904	2,840,614
1884	576,900	1905	3,252,500
1885	565,750	1906	3,125,000

CUSTOMS RECEIPTS

The monthly receipts of Customs duties paid into the United States Treasury at San Francisco during each month of 1906 compare with the seven preceding years as follows:

Months	1906	1905	1904	1903	1902	1901	1900	1899
January.....	\$645,160 50	\$658,990 04	\$632,147 54	\$677,441 60	\$736,246 31	\$606,396 20	\$754,582 84	\$536,100 28
February.....	673,571 41	493,289 39	619,119 43	694,807 97	508,299 00	472,861 43	500,343 41	519,902 95
March.....	721,132 11	552,445 58	687,493 61	686,363 87	568,626 59	518,488 34	552,544 95	631,104 89
April.....	406,853 67	515,684 72	579,984 30	626,211 34	717,753 94	586,721 52	706,337 95	570,945 17
May.....	537,368 33	628,937 01	465,887 38	570,816 75	643,121 63	575,359 75	543,740 14	585,407 47
June.....	632,560 84	603,593 24	636,731 12	625,488 05	594,193 10	585,300 82	567,902 43	655,677 57
July.....	627,038 28	501,855 11	613,382 68	572,971 28	680,197 77	657,026 63	653,927 73	556,860 99
August.....	1,171,705 04	576,468 94	685,880 15	720,714 24	593,578 07	577,945 03	690,641 81	747,385 81
September.....	878,126 31	602,528 34	665,186 26	549,364 64	710,139 17	595,835 43	562,285 40	522,202 11
October.....	972,562 36	606,707 20	589,211 95	667,216 10	656,086 92	695,251 74	778,744 25	603,644 63
November.....	801,230 43	580,028 85	803,791 08	575,058 87	553,369 33	564,122 03	790,651 79	508,560 23
December.....	1,024,174 94	810,798 86	565,517 61	654,702 34	686,822 00	609,003 43	591,639 41	424,759 65
Totals.....	\$9,091,486 22	\$7,131,327 28	\$7,544,333 11	\$7,621,157 05	\$7,648,433 83	\$7,044,372 35	\$7,693,342 11	\$6,862,551 75

CUSTOMS RECEIPTS

INTERNAL REVENUE COLLECTIONS

During the year ending December 31, 1906, and for the two preceding years, the monthly collections of Internal Revenue in the San Francisco District were as follows:

Months	1906	1905	1904
January	\$ 407,231 54	\$ 222,083 27	\$ 235,834 95
February	352,607 34	215,837 12	221,588 16
March	382,328 73	317,780 80	256,949 26
April	246,417 84	271,509 59	271,683 19
May	242,269 45	308,323 34	246,041 92
June	421,587 47	365,562 78	272,020 31
July	557,248 18	542,240 95	449,012 77
August	425,260 98	359,026 27	234,116 99
September	361,090 87	374,189 75	253,822 19
October	343,955 54	392,976 74	255,108 53
November	402,245 68	393,188 36	240,607 08
December	400,012 25	372,902 20	244,868 48
Totals	\$4,542,255 87	\$4,135,621 17	\$3,181,653 83

The total collections for several previous years were as follows: 1903, \$2,794,597.21; 1902, \$2,892,760.33; 1901, \$3,677,092.46; 1900, \$4,019,086.30; 1899, 3,686,417.20; 1898, \$3,023,902.20; 1897, \$2,490,471.20; 1896, \$2,410,019.46; 1895, \$2,067,946.28; 1894, \$1,692,796.07; 1893, \$1,686,592.23; 1892, \$1,818,351.43; 1891, \$1,887,561.23; 1890, \$1,858,852.48.

Classified, the collections during 1906 and the two preceding years were as follows:

For	1906	1905	1904
Lists	\$ 99,950 04	\$ 19,799 26	\$ 88,604 08
Beer	863,157 50	915,351 50	879,039 25
Spirits	3,099,751 05	2,538,550 41	1,575,630 10
Cigars and Cigarettes	189,268 97	296,800 90	278,811 93
Snuff	288 28	389 27	260 31
Tobacco	17,824 47	22,683 79	21,777 09
Specials	271,326 99	341,385 51	336,279 43
Playing Cards	443 02	448 78	289 54
Export Stamps	95 55	251 75	652 85
Documentary	150 00	.....	309 25
Totals	\$4,542,255 87	\$4,135,621 17	\$3,181,653 83

THE SILVER MARKET

The fluctuations in the price of refined Silver in the American and English markets for the twelve months ending December 31, 1905, were as follows:

Months	New York		London	
	High	Low.	High	Low
	Cents	Cents	Pence	Pence
January	61 ³ / ₈	59 ⁷ / ₈	28 ⁵ / ₈	27 ⁹ / ₈
February	61 ³ / ₈	59 ⁷ / ₈	28 ⁵ / ₈	27 ⁹ / ₈
March	60	55 ³ / ₄	27 ¹ / ₈	25 ¹ / ₈
April	57 ³ / ₈	55	26 ⁵ / ₈	25 ⁷ / ₈
May	59 ¹ / ₄	56 ⁵ / ₈	27 ⁵ / ₈	26 ¹ / ₈
June	58 ⁷ / ₈	57 ³ / ₈	27 ³ / ₈	26 ⁷ / ₈
July	59 ¹ / ₄	58 ³ / ₈	27 ⁵ / ₈	26 ³ / ₈
August	62 ¹ / ₄	59 ¹ / ₈	28 ³ / ₄	27 ¹ / ₄
September	62 ¹ / ₈	60 ¹ / ₂	28 ³ / ₄	28
October	62 ³ / ₄	61 ¹ / ₄	28 ¹ / ₈	28 ³ / ₈
November	65 ⁵ / ₈	62 ³ / ₄	30 ⁵ / ₈	28 ¹ / ₈
December	65 ¹ / ₂	63 ¹ / ₂	30 ⁵ / ₈	29 ³ / ₈
Highest	65 ³ / ₄	.....	30 ⁵ / ₈	.....
Lowest .....	.....	55	.....	25 ⁷ / ₈

The New York prices are per ounce of 1000 fine and the London rates are per ounce 925 fine.

The fluctuations for the twelve months ending December 31, 1906, were as follows:

Months	New York		London	
	High.	Low.	High.	Low.
	Cents	Cents	Pence	Pence
January	65 ³ / ₄	64 ¹ / ₄	30 ³ / ₄	29 ³ / ₄
February	66 ³ / ₄	65 ¹ / ₂	30 ¹ / ₈	30 ¹ / ₈
March	62 ⁵ / ₈	65 ⁷ / ₈	30 ⁷ / ₈	29
April	64 ⁷ / ₈	63 ⁷ / ₈	29 ¹ / ₈	29 ⁵ / ₈
May .....	.....	.....	.....	.....
June	65 ³ / ₄	64 ¹ / ₈	30 ⁵ / ₈	29 ⁵ / ₈
July	65 ³ / ₄	64 ⁵ / ₈	30 ⁷ / ₈	29 ¹ / ₈
August	66 ⁷ / ₈	64 ⁵ / ₈	30 ¹ / ₈	29 ³ / ₈
September	68 ¹ / ₂	66 ³ / ₄	31 ¹ / ₄	30 ¹ / ₈
October	70 ⁵ / ₈	68 ³ / ₈	32 ⁹ / ₈	31 ¹ / ₈
November	71 ³ / ₄	69 ³ / ₈	33 ¹ / ₈	32
December	69 ¹ / ₄	68 ¹ / ₈	32 ³ / ₈	31 ² / ₈

On November 28, 1902, Silver touched the lowest point on record, being 46³/₈c in New York and 21¹/₈d in London, the latter, however, was duplicated in January, 1903.

NEW MONEY MINTED

The United States Mint at San Francisco is the second largest mint in the world and the coinage during the last three calendar years was as follows:

Description	1906	1905	1904
Double Eagles.....	\$41,315,000 00	\$36,260,000 00	\$102,683,500 00
Eagles	4,570,000 00	3,692,500 00	.....
Half Eagles	2,990,000 00	4,403,500 00	485,000 00
Standard Silver Dollars..	.....	.....	2,304,000 00
Half Dollars	3,678,077 00	1,247,000 00	276,519 00
Quarter Dollars.....	.....	471,000 00	.....
Dimes	313,664 00	685,519 90	80,000 00
Pesos	201,000 00	6,056,000 00	7,000,000 00
50 Centimes.....	2,500,000 00	426,000 00	1,080,000 00
20 Centimes.....	.....	84,000 00	412,000 00
10 Centimes.....	.....	.....	504,000 00
Totals.....	\$55,567,741 00	\$53,325,519 90	\$114,285,019 00

The Pesos and Centimes were for the Philippine Islands, except 400,000 pesos in 1904 coined for Salvador, and \$2,500,000 in 50 centavos for Mexico in 1906.

The monthly coinage during the last three years was as follows:

Month	1906	1905	1904
January	\$ 5,985,000 00	\$ 8,438,000 00	\$ 4,017,000 00
February	3,891,000 00	5,019,000 00	21,796,000 00
March	3,871,000 00	5,691,500 00	33,113,500 00
April.....	916,000 00	3,630,000 00	1,601,000 00
May .....	.....	4,339,553 20	15,020,000 00
June.....	224,000 00	11,889,996 70	1,470,000 00
July	5,022,164 00	552,000 00	1,489,519 00
August.....	4,508,000 00	9,490,000 00	2,256,000 00
September.....	9,192,000 00	919,000 00	14,176,000 00
October	9,080,077 00	1,686,500 00	17,932,000 00
November.....	10,832,500 00	388,000 00	1,061,000 00
December	2,046,000 00	1,282,000 00	893,000 00
Totals	\$55,567,741 00	\$53,325,519 90	\$114,825,019 00

The United States Mint was established in San Francisco in April, 1854, and the total coinage to December 31, 1906, is \$1,700,213,033.65, divided as follows:

Double Eagles.....	\$1,244,596,000 00	Double Dimes	\$ 231,000 00
Eagles	121,397,060 00	Dimes.....	6,722,371 90
Half Eagles	119,978,000 00	Half Dimes.....	119,100 00
Three Dollars.....	186,300,000 00	Pesos	26,618,000 00
Quarter Eagles	1,861,255 00	50 Centimes	1,506,000 00
Dollars (gold)	90,232 00	20 Centimes	526,316 00
Standard Dollars..	109,523,073 00	10 Centimes	624,000 00
Trade Dollars.....	26,647,000 00	50 Centavos	2,500,000 00
Half Dollars.....	29,171,031 50		
Quarter Dollars....	9,916,534 25	Total.....	\$1,700,213,033 65

The annual coinage of the U. S. Mint at San Francisco, since its establishment, is as follows:

CALENDAR YEARS	COINAGE		TOTAL VALUE
	Gold	Silver	
1854.....	\$ 4,084,207	\$.....	\$ 4,084,207 00
1855.....	18,008,300	164,075 00	18,172,375 00
1856.....	25,306,400	184,000 00	25,490,400 00
1857.....	20,327,000	99,500 00	20,426,500 00
1858.....	17,158,200	274,250 00	17,432,450 00
1859.....	12,918,000	329,000 00	13,247,000 00
1860.....	11,178,000	264,000 00	11,442,000 00
1861.....	15,665,000	511,000 00	16,176,000 00
1862.....	17,275,960	710,825 00	17,986,785 00
1863.....	19,543,400	478,750 00	20,022,150 00
1864.....	15,917,640	361,500 00	16,279,140 00
1865.....	21,213,500	371,250 00	21,584,750 00
1866.....	17,362,000	553,500 00	17,915,500 00
1867.....	18,720,000	630,000 00	19,350,000 00
1868.....	17,230,000	644,000 00	17,874,000 00
1869.....	14,028,050	403,500 00	14,431,550 00
1870.....	19,848,000	507,000 00	20,355,000 00
1871.....	18,905,000	1,136,775 00	20,041,775 00
1872.....	16,000,000	380,600 00	16,380,600 00
1873.....	21,154,500	920,900 00	22,075,400 00
1874.....	24,460,000	2,868,000 00	27,328,000 00
1875.....	24,674,000	7,395,000 00	32,069,000 00
1876.....	32,022,500	10,682,000 00	42,704,500 00
1877.....	35,092,000	14,680,000 00	49,772,000 00
1878.....	36,209,500	13,977,000 00	50,186,500 00
1879.....	28,955,750	9,110,000 00	38,065,750 00
1880.....	28,527,000	8,900,000 00	37,427,000 00
1881.....	29,085,000	12,760,000 00	41,845,000 00
1882.....	28,665,000	9,250,000 00	37,915,000 00
1883.....	24,576,000	6,250,000 00	30,826,000 00
1884.....	20,447,500	3,256,496 90	23,703,996 90
1885.....	22,007,500	1,501,369 00	23,508,869 00
1886.....	24,600,000	770,652 40	25,370,652 40
1887.....	23,390,000	2,216,445 00	25,606,445 00
1888.....	25,148,500	1,133,000 00	26,281,500 00
1889.....	19,748,000	797,267 80	20,545,267 80
1890.....	16,055,000	8,372,680 60	24,427,680 60
1891.....	25,762,500	6,169,611 60	31,932,111 60
1892.....	21,250,000	2,054,604 75	23,304,604 75
1893.....	22,457,000	1,082,773 85	23,539,773 85
1894.....	21,500,500	3,946,552 65	25,447,052 65
1895.....	23,920,000	1,507,213 25	25,427,213 25
1896.....	30,093,000	5,674,989 35	35,767,989 35
1897.....	33,522,500	6,561,791 65	40,084,291 65
1898.....	63,226,500	5,706,673 70	68,933,173 70
1899.....	56,341,000	3,768,954 80	60,109,954 80
1900.....	61,645,000	5,801,634 25	57,446,634 25
1901.....	78,287,500	2,784,990 20	81,072,490 20
1902.....	44,462,500	2,848,488 00	47,310,988 00
1903.....	33,735,000	14,032,732 00	47,767,732 00
1904.....	103,168,500	11,656,519 00	114,825,019 00
1905.....	44,356,000	2,403,519 90	46,759,519 90
1906.....	48,875,000	6,692,741 00	55,567,741 00

FRUIT AND CANNED GOODS SHIPMENTS

The shipments of canned goods, exclusive of salmon, from San Francisco, by sea during 1906 and for the three preceding years were as follows:

Months	1906 Cases	1905 Cases	1904 Cases	1903 Cases
January	19,462	32,117	44,447	21,455
February	9,901	61,724	3,172	15,983
March	52,007	111,573	19,180	42,067
April	19,660	47,968	16,669	20,468
May .....	.....	82,045	13,505	19,704
June	7,157	80,593	10,068	18,899
July	24,354	52,376	16,458	19,466
August	15,850	79,396	125,364	209,901
September	131,683	108,210	124,665	158,722
October	34,367	129,618	179,595	235,669
November	30,417	37,411	174,110	86,934
December	181,443	49,872	107,940	88,790
Totals	526,301	872,903	835,173	938,058

DRIED FRUITS

The shipments of Dried Fruit exclusive of Prunes and Raisins from San Francisco by sea during 1906 and for the preceding year were as follows:

Months	1906		1905	
	Pounds	Cases	Pounds	Cases
January	255,120	1,562	749,662	1,206
February	312,364	578	561,312	318
March	779,586	917	274,114	574
April	46,302	642	196,950	1,209
May	590,574	.....	1,578,868	774
June	358,017	314	571,236	1,202
July	287,641	1,123	214,890	1,864
August	222,238	508	186,363	345
September	704,918	1,264	262,418	1,562
October	1,144,762	3,628	310,840	3,286
November	148,650	2,541	587,930	2,704
December	828,729	1,464	214,184	1,862
Totals	5,678,901	14,541	5,708,767	16,906

FRESH FRUIT SHIPMENTS

The number of cars of Deciduous Fruits forwarded by rail from California during the past seven years were as follows:

DESTINATION	1900	1901	1902	1903	1904	1905	1906
Chicago.....	1,101	1,273	1,301	1,256	924	1,518	1,116
New York.....	1,527	1,482	1,475	1,680½	1,202	1,804	1,728
Boston.....	649	639	745	846	493	562	531
Philadelphia.....	212	257	295	384	206	407	472
Minneapolis.....	302	275	419	203	210	296	227
Baltimore.....	34	23	63	84	56	89	73
Cincinnati.....	35	29	51	64	30	72	54
Kansas City.....	129	85	101	109	42	91	86
Montreal.....	126	128	102	107	94	136	108
New Orleans.....	136	118	165	240½	131	223	179
Denver.....	233	246	104	109	45	154	162
St. Louis.....	79	64	94	142	146	183	188
St. Paul.....	131	108	267	217	127	179	143
Omaha.....	240	205	165	129	45	101	94
Cleveland.....	63	58	101	106	68	76	65
Pittsburg.....	144	167	278	297	150	214	207
Buffalo.....	10	32	28	25	12	27	14
Milwaukee.....	68	62	68	41	40	58	42
England.....	192	93	156	90	48	52	36
Scotland.....	7	16	9	4	.....	2	.....
Germany.....	.....	.....	.....	.....	.....	1	.....
Mexico.....	.....	1	1	1½	.....	.....	.....
Minor points—Canada..	71	55	143	122	83	142	79
“ U. S.....	946	1,043	1,010	1,410½	1,474	1,684	685
Wrecked.....	.....	.....	.....	2	.....	.....	.....
Totals.....	6,435	6,459	7,141	7,670	5,626	8,071	6,289

The varieties of the annual shipments are shown as follows:

VARIETIES	1900	1901	1902	1903	1904	1905	1906
Pears.....	2,115	1,535	2,011	1,719	2,186	1,013	1,563
Peaches.....	1,361	1,901	1,777	1,857	559	1,946	583
Grapes.....	825	966	1,033	1,804	1,451	1,602	2,050
Plums and Prunes.....	1,158	936	1,478	1,145	1,053	1,391	1,220
Apricots.....	152	201	222	241	97	279	16
Cherries.....	238	110	245	211	209	79	150
Apples.....	512	739	359	671	43	1,744	689
Quinces.....	10	13	10	19	18	12	9
Figs.....	.....	.....	.....	.....	6	4	3
Nectarines.....	.....	2	.....	2	4	.....	.....
Persimmons.....	3	2	.....	1	.....	1	1
Mixed.....	27	23	6	.....	.....	.....	2
Cars not reported.....	34	31	.....	.....	.....	.....	2
Totals.....	6,435	6,459	7,141	7,670	5,626	8,071	6,289

WINES AND BRANDIES

The receipts of California Wines at San Francisco during each month of 1906 and the three previous years were as follows:

MONTHS	1906 Gallons	1905 Gallons	1904 Gallons	1903 Gallons
January.....	1,772,150	1,673,975	1,590,400	1,245,250
February.....	1,447,725	1,594,067	1,753,050	1,683,400
March.....	1,406,350	1,213,200	1,848,360	1,515,700
April.....	640,150	1,094,320	1,498,348	1,153,200
May.....	128,550	1,624,475	1,285,350	1,158,650
June.....	452,550	1,271,500	1,433,947	1,120,948
July.....	828,735	1,184,675	1,151,290	1,622,390
August.....	907,900	1,281,850	1,143,350	1,089,581
September.....	823,067	1,279,600	1,417,030	1,154,150
October.....	737,982	1,074,100	1,112,250	1,475,200
November.....	902,795	1,398,950	1,693,165	1,458,060
December.....	1,364,120	2,007,250	1,947,790	1,585,950
Total.....	11,412,074	16,697,962	17,874,330	16,262,479

MONTHLY RECEIPTS OF CALIFORNIA BRANDIES

MONTHS	1906 Gallons	1905 Gallons	1904 Gallons	1903 Gallons
January.....	17,050	28,510	97,300	95,785
February.....	20,550	26,900	21,400	30,950
March.....	39,950	13,400	23,300	48,600
April.....	8,825	9,775	9,790	25,950
May.....	850	8,750	1,250	16,125
June.....	5,700	8,075	8,281	25,950
July.....	25,420	3,150	7,400	4,050
August.....	4,280	9,300	2,000	20,375
September.....	10,051	19,675	12,800	18,690
October.....	24,895	19,200	36,900	29,000
November.....	28,125	68,350	75,495	93,050
December.....	45,000	90,140	115,630	105,950
Total.....	230,693	305,225	411,546	514,475

Receipts for a series of years, in gallons, are as follows:

Year	Wine	Brandy	Year	Wine	Brandy
1890.....	11,561,076	540,357	1897.....	12,350,728	229,210
1891.....	12,576,665	712,472	1898.....	15,498,229	485,398
1892.....	9,474,353	636,080	1899.....	13,662,491	472,938
1893.....	11,836,750	693,059	1900.....	14,546,601	325,493
1894.....	11,626,710	764,130	1901.....	15,814,782	417,205
1895.....	15,387,216	276,380	1902.....	16,410,540	559,610
1906.....	13,840,726	201,305			

WINE EXPORTS BY SEA.

During the year 1905 the exports of California Wines from San Francisco by Sea were, as follows:

To	Cases	Gallons	Values
Atlantic States.....	118	5,707,504	\$ 2,058,230
Germany.....		372	194
Mexico.....	616	68,386	27,450
Central America.....	1,022	84,720	39,432
Colombia.....	16	22,340	9,770
Ecuador.....	60	21,974	10,708
Peru.....	2	936	448
Hawaii.....	1,866	743,988	318,172
England.....	80	73,250	24,860
Pacific Islands.....	36	6,598	2,252
Tahiti.....	12	25,806	8,972
Philippine Islands.....	270	4,622	3,862
Japan.....	296	88,156	39,614
China.....	102	44,558	16,292
India.....	8	260	190
Australia.....	48	200	416
British Columbia.....	206	22,992	9,986
New Zealand.....	12	814	520
Java.....	2	53,000	2,670
Panama.....	118	135,600	38,168
Siam.....		180	95
Korea.....	2	834	510
Singapore.....		640	300
Elsewhere.....	58	1,126	1,860
Total.....	4,950	7,061,156	\$ 2,614,971

The total exports and values for a series of years past are as follows:

Year	Gallons	Cases	Value
1904.....	7,118,884	4,802	\$ 2,697,439
1903.....	6,938,746	5,693	2,567,228
1902.....	6,636,186	4,360	2,478,659
1901.....	5,839,447	11,237	1,993,327
1900.....	5,790,786	8,358	1,755,923
1899.....	3,518,631	7,073	1,157,965
1898.....	5,145,003	7,895	1,824,259
1897.....	5,462,686	13,585	1,988,197
1896.....	4,202,869	16,567	1,496,366
1895.....	4,015,126	15,793	1,323,223
1894.....	2,440,024	11,507	1,017,027
1893.....	3,666,412	22,618	1,527,678
1892.....	4,797,172	13,347	2,031,405
1891.....	4,918,222	11,552	2,160,516

EXPORTS OF WINE

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WINE EXPORTS BY SEA.

During the year 1906 the exports of California wines from San Francisco by sea were as follows:

To	Cases	Gallons	Values
Atlantic States.....	79	2,726,813	\$ 1,376,972
Germany.....	6		50
Mexico.....	457	41,214	23,740
Central America.....	783	69,280	37,462
Colombia.....	7	15,974	8,104
Ecuador.....	41	13,269	6,721
Peru.....	4		20
Hawaii.....	1,538	672,859	336,281
England.....	52	51,984	26,175
Pacific Islands.....	28	2,792	2,460
Tahati.....	18	19,475	9,840
Philippine Islands.....	152	2,830	2,179
Japan.....	192	57,615	30,417
China.....	94	28,496	14,764
India.....	8	318	192
Australia.....	36	264	269
British Columbia.....	188	14,975	8,533
New Zealand.....	6	312	175
Java.....		2,180	1,104
Panama.....	84	102,516	5,271
Siam.....		60	30
Korea.....	1	210	100
Singapore.....		320	150
Elsewhere.....	47	6,519	3,319
Total.....	3,821	3,831,225	\$ 1,894,328

During the year 1906, the monthly shipments of wine from San Francisco by sea were as follows:

Months	Cases	Gallons	Values
January.....	476	422,530	\$ 144,995
February.....	368	395,736	137,752
March.....	568	446,576	200,320
April.....	351	227,192	71,378
May.....	352	95,444	39,871
June.....	96	195,740	73,858
July.....	298	188,718	68,405
August.....	314	199,805	76,548
September.....	122	696,056	249,905
October.....	364	134,647	59,648
November.....	244	339,142	135,433
December.....	268	489,639	165,886
Totals, 1906.....	3,821	3,831,225	\$1,423,999

EXPORTS OF BRANDY BY SEA

The exports of California Brandy from San Francisco by sea during 1905 and 1906 were as follows:

To	1906			1905		
	Gallons	Cases	Value	Gallons	Cases	Value
Eastern States.....	4,210	12	\$ 7,225	5,140	10	\$ 9,248
Europe	3,176	8	5,984	4,876	16	8,494
Mexico	984	109	1,829	1,026	128	1,662
Central America..	562	28	938	624	42	1,020
South America	244	6	298	274	6	297
Hawaii	1,824	348	5,065	2,086	404	6,470
Pacific Islands.....	240	3	295	260	6	208
Philippine Isld's..	412	10	428	480	8	236
Japan	264	282	1,671	206	304	1,298
China.....	246	158	1,383	312	202	1,004
East Indies.....	140	8	208	120	12	90
Australia.....	312	10	360	228	6	124
British Columbia..	128	36	412	40	44	404
Siberia.....	630	340	1,582	1,040	400	1,412
Elsewhere.....	862	21	1,214	54	12	122
Totals.....	14,234	1,379	\$28,892	16,766	1,600	\$32,089

The totals of exports and values for a series of years past are as follows :

Year	Gallons	Cases	Value
1904.....	27,922	197	\$ 31,069
1903.....	54,168	254	60,189
1902.....	24,349	643	36,423
1901.....	29,512	352	28,746
1900.....	56,776	1,816	54,536
1899.....	126,572	4,190	106,413
1898.....	120,046	694	117,149
1897.....	18,058	231	26,806
1896.....	72,998	580	78,871
1895.....	91,953	422	76,845
1894.....	357,103	311	374,153
1893.....	309,353	242	265,975
1892.....	532,347	250	495,368
1891.....	432,821	289	395,396
1890.....	303,425	434	324,462

CALIFORNIA WINES AND BRANDY

The production of each vintage season, for a series of fiscal years past, is as follows:

WINE		BRANDY	
YEAR	GALLONS	YEAR	GALLONS
1864-65.....	2,000,000	1864-65.....	20,415
1865-66.....	2,250,000	1865-66.....	74,773
1866-67.....	2,500,000	1866-67.....	47,303
1867-68.....	4,000,000	1867-68.....	152,418
1868-69.....	3,000,000	1868-69.....	286,753
1869-70.....	3,800,000	1869-70.....	169,791
1870-71.....	4,500,000	1870-71.....	157,107
1871-72.....	3,000,000	1871-72.....	211,916
1872-73.....	2,500,000	1872-73.....	118,605
1873-74.....	4,000,000	1873-74.....	99,680
1874-75.....	4,000,000	1874-75.....	297,147
1875-76.....	4,000,000	1875-76.....	142,799
1876-77.....	4,000,000	1876-77.....	157,159
1877-78.....	5,000,000	1877-78.....	318,071
1878-79.....	7,000,000	1878-79.....	158,393
1879-80.....	10,200,000	1879-80.....	238,928
1880-81.....	8,000,000	1880-81.....	351,206
1881-82.....	9,000,000	1881-82.....	302,513
1882-83.....	8,500,000	1882-83.....	324,717
1883-84.....	10,000,000	1883-84.....	295,039
1884-85.....	11,000,000	1884-85.....	383,756
1885-86.....	18,000,000	1885-86.....	402,121
1886-87.....	15,000,000	1886-87.....	742,445
1887-88.....	17,000,000	1887-88.....	953,580
1888-89.....	15,500,000	1888-89.....	915,573
1889-90.....	17,500,000	1889-90.....	1,072,957
1890-91.....	20,000,000	1890-91.....	1,245,698
1891-92.....	15,000,000	1891-92.....	1,475,525
1892-93.....	24,700,000	1892-93.....	2,209,617
1893-94.....	14,000,000	1893-94.....	2,007,965
1894-95.....	18,000,000	1894-95.....	1,754,062
1895-96.....	17,000,000	1895-96.....	2,090,000
1896-97.....	16,400,000	1896-97.....	1,442,468
1897-98.....	31,500,000	1897-98.....	1,250,000
1898-99.....	19,000,000	1898-99.....	1,690,000
1899-00.....	23,500,000	1899-00.....	3,256,513
1900-01.....	22,500,000	1900-01.....	1,688,482
1901-02.....	43,000,000	1901-02.....	3,564,172
1902-03.....	34,570,000	1902-03.....	5,776,571
1903-04.....	29,750,000	1903-04.....	4,420,892
1904-05.....	31,312,000	1904-05.....	4,934,008
1905-06.....	41,000,000	1905-06.....	1,345,000

NOTE—Three-quarters of the brandy produced is used in the fortification of wines, the remaining one-quarter being sold as commercial brandy.

SALMON

The receipts of canned salmon at San Francisco during the past four years were as follows:

Months	1906 Cases	1905 Cases	1904 Cases	1903 Cases
January	6,241	5,321	2,361	4,104
February	5,879	5,819	6,614	650
March	1,628	980	2,278	3,484
April	2,132	2,204	614	3,133
May	2,149	1,957	6,643	1,579
June	3,617	3,358	565	12,171
July	2,142	1,999	3,158	1,449
August	20,794	25,636	45,917	42,329
September	1,162,378	1,027,316	926,158	1,182,500
October	412,258	309,457	277,949	227,606
November	13,114	9,949	152,696	166,372
December	27,137	23,437	11,256	20,677
Totals*	1,659,569	1,417,433	1,436,209	1,666,054

*Includes 2,126 cases Californian in 1905 and 1,415,307 cases from Oregon, Alaska and British Columbia. In addition to the above there were received during 1905 20,606 barrels of salt salmon and during 1906 about 18,000 bbls.

In 1900 the receipts of canned salmon were 1,434,965 cases and in 1901 the total was 1,635,596 cases.

PACIFIC COAST SALMON PACK

The total pack of the Pacific Coast Canneries for 1905 and the three preceding years, was as follows:

Location	1906 Cases	1905 Cases	1904 Cases	1903 Cases
Alaska Companies.	2,215,201	1,878,905	1,953,746	2,251,085
British Columbia....	500,000	1,079,944	465,894	473,547
Puget Sound	430,602	1,017,279	296,272	470,207
Columbia River	300,000	404,661	423,073	339,366
Sacramento	4,000	21,408	19,216	8,540
Various Rivers	187,500	114,258	165,453	63,666
Totals	3,637,303	4,516,455	3,323,654	3,606,411

EXPORTS BY SEA

The exports of packed Salmon from San Francisco by sea during 1905 and 1906 and the totals for a number of years preceding were as follows:

To	1906			1905		
	Cases	Barrels	Values	Cases	Barrels	Values
Eastern States.....	105,712	2,642	\$446,520	135,410	3,320	\$574,840
Australia	32,970	2,846	161,212	40,682	3,096	193,362
New Zealand.....	3,212	108	15,140	3,715	142	16,140
England	354,918	182	1,421,583	412,124	220	1,650,696
China.....	6,214	26	25,120	6,512	24	26,240
India	2,164	2	8,562	4,720	.....	18,410
Tahiti	2,248	418	13,175	2,416	462	14,290
Japan	35,408	316	144,817	37,872	384	155,238
Samoa Islands.....	4,044	160	17,658	4,630	212	20,320
Central America.....	871	.....	3,461	1,276	.....	5,104
Philippine Isl'ds.....	918	6	3,740	1,327	14	5,448
Mexico	952	.....	3,815	968	.....	3,872
Colombia	183	.....	770	212	.....	450
Germany	102	.....	402	108	.....	432
France	46	4	212	54	.....	216
South Africa	812	2	3,265	920	6	3,740
Hawaii	8,908	6,429	100,104	12,618	8,489	135,362
Chili.....	5,246	.....	20,980	10,792	.....	43,164
Peru.....	814	2	3,270	864	.....	3,456
Ecuador	468	2	1,788	614	.....	2,440
Barbadoes	508	.....	2,030	260	.....	1,050
Dutch Guiana.....	204	.....	812	20	.....	80
Panama .....	.....	2	18	238	38	1,332
Trinidad Islands.....	212	21	1,050	476	4	1,940
Jamaica	316	4	1,284	312	.....	1,248
Marshall Islands.....	284	.....	1,127	80	48	800
Fiji Islands.....	60	24	476	114	24	696
Friendly Islands.....	96	20	580	96	10	484
New Caledonia.....	54	4	248	72	4	328
Pacific Islands.....	48	2	206	44	18	356
Korea	26	14	240	16	.....	64
Elsewhere.....	8	.....	75	84	109	1,426
Totals.....	568,025	13,236	\$2,304,640	679,846	16,624	\$2,883,024

The annual totals for a series of years past make the following showing:

	Cases	Barrels	Values		Cases	Barrels	Values
1904..	940,969	11,998	\$4,121,569	1896..	707,903	10,693	\$3,026,888
1903..	748,706	11,819	3,136,542	1895..	902,089	11,072	3,711,686
1902..	793,156	11,845	3,048,268	1894..	640,163	7,753	2,704,728
1901..	804,347	9,839	3,623,746	1893..	203,316	7,373	1,027,051
1900..	856,594	15,734	3,602,562	1892..	758,517	5,946	3,490,877
1899..	694,866	27,146	2,946,028	1891..	464,291	11,982	2,091,292
1898..	703,442	16,727	2,921,178	1890..	480,006	9,751	2,229,313
1897..	789,252	17,066	3,338,331	1889..	475,317	7,011	2,636,361

The following statement shows the product of the Pacific Coast for a series of years, in cases.

Year	Columbia River	Sacramento River	Outside Rivers	Puget Sound	British Columbia	Alaska	Totals
1866	4,000	.....	.....	.....	.....	.....	4,000
1867	18,000	.....	.....	.....	.....	.....	18,000
1868	28,000	.....	.....	.....	.....	.....	28,000
1869	100,000	.....	1,500	.....	.....	.....	101,500
1870	150,000	.....	2,200	.....	1,800	.....	154,000
1871	200,000	.....	2,700	.....	2,500	.....	205,200
1872	250,000	.....	3,000	.....	3,200	.....	256,200
1873	250,000	1,000	6,000	.....	4,000	.....	261,000
1874	350,000	2,500	9,750	.....	8,200	2,400	372,850
1875	375,000	3,000	16,800	.....	6,270	3,100	404,170
1876	450,000	8,300	25,600	.....	9,847	2,800	496,547
1877	460,000	21,500	24,800	.....	67,387	5,200	578,887
1878	460,000	36,500	30,000	.....	113,601	8,159	648,260
1879	480,000	31,000	30,000	.....	57,394	12,530	610,924
1880	630,000	51,000	37,200	1,200	61,300	6,539	787,239
1881	551,000	181,200	48,500	2,200	175,675	8,977	967,552
1882	541,300	200,300	49,000	1,500	255,061	10,244	1,057,405
1883	629,400	160,000	38,000	3,000	243,000	36,000	1,109,400
1884	656,179	81,450	41,350	3,600	138,945	54,000	975,524
1885	524,530	48,500	51,750	4,200	106,865	74,850	810,695
1886	454,943	39,300	131,100	4,500	163,004	120,700	913,547
1887	373,800	36,500	195,400	2,200	201,990	190,200	1,000,090
1888	367,750	58,000	154,000	4,000	135,600	427,372	1,146,722
1889	325,500	66,666	199,068	5,000	414,400	709,347	1,719,981
1890	433,500	35,006	67,117	8,000	409,464	688,332	1,641,419
1891	390,183	4,142	66,805	11,500	314,813	789,294	1,576,737
1892	481,900	4,600	144,200	15,000	221,797	461,482	1,325,979
1893	425,200	23,336	119,660	66,500	590,229	645,545	1,870,470
1894	511,000	28,463	118,500	67,933	494,470	678,501	1,898,867
1895	617,460	24,000	264,300	52,000	512,877	619,379	2,090,016
1896	463,621	13,387	115,400	248,200	598,300	958,700	2,397,608
1897	552,721	42,500	68,683	423,500	1,015,477	969,850	3,072,731
1898	473,230	28,000	78,600	417,700	454,500	956,979	2,409,009
1899	340,125	33,550	82,432	871,500	711,600	1,098,833	3,138,040
1900	313,417	34,000	106,300	478,742	527,281	1,534,745	2,994,485
1901	248,494	17,500	123,326	1,380,590	1,236,156	2,034,895	5,040,966
1902	367,241	14,043	134,190	563,307	625,982	2,554,423	4,259,181
1903	339,366	10,491	61,315	473,607	473,547	2,251,085	3,609,411
1904	423,073	19,698	164,669	296,574	465,894	1,953,746	3,323,654
1905	335,000	3,900	214,600	885,400	1,155,000	1,861,000	4,454,900
1906	300,000	4,000	187,500	430,602	500,000	2,215,201	3,637,303

IMPORTS OF TEA

The following shows all the imports of Tea at San Francisco from China and Japan from 1860 to 1883, both years inclusive; and the quantities credited to San Francisco since 1883, during which latter period in transit shipments to the East were not included in the statistics of the Custom House at San Francisco:

YEAR	CHINA		JAPAN		TOTALS	
	Pounds	Value	Pounds	Value	Pounds	Value
1860.....	965,543	\$ 265,292	179,287	\$ 35,374	1,144,830	\$ 300,766
1861.....	1,233,381	307,903	124,236	25,067	1,357,616	322,970
1862.....	1,430,163	423,734	204,015	46,305	1,634,178	470,039
1863.....	1,822,585	439,435	382,633	105,678	2,205,218	545,113
1864.....	1,388,408	364,820	464,796	127,544	1,853,204	492,365
1865.....	700,760	178,333	923,456	236,737	1,624,216	415,070
1866.....	1,042,499	291,389	1,293,650	435,188	2,336,149	726,577
1867.....	1,334,660	445,686	552,070	188,560	1,886,730	634,246
1868.....	876,282	241,492	1,277,862	447,686	2,154,144	689,178
1869.....	725,430	201,264	1,283,023	440,106	2,008,453	641,370
1870.....	981,919	313,969	2,137,144	746,043	3,119,063	1,060,012
1871.....	8,215,439	3,633,221	7,710,389	3,136,827	15,925,828	6,770,148
1872.....	5,709,895	2,512,660	6,881,628	2,768,507	12,591,523	5,281,167
1873.....	4,104,972	1,529,130	8,431,804	3,276,557	12,536,776	4,805,687
1874.....	2,828,570	1,096,480	10,386,331	4,066,758	13,214,901	5,163,238
1875.....	1,881,651	518,926	17,990,578	6,491,368	19,872,229	7,010,294
1876.....	1,095,800	340,391	17,556,236	5,904,400	18,652,036	6,241,871
1877.....	4,721,858	1,550,014	13,507,258	3,906,085	18,229,116	5,456,099
1878.....	3,249,082	1,148,464	13,867,586	3,384,630	17,116,668	4,533,094
1879.....	5,884,856	2,035,813	14,092,816	4,289,169	19,977,672	6,324,982
1880.....	4,997,527	1,513,583	17,081,997	4,674,437	22,079,524	6,188,020
1881.....	5,278,766	1,526,907	12,704,741	4,257,461	17,983,507	5,784,368
1882.....	4,701,588	1,209,870	19,469,028	4,444,458	24,170,616	5,654,328
1883.....	4,775,129	1,098,209	17,194,448	3,048,575	21,969,577	4,146,784
1884.....	2,039,691	467,546	8,536,660	1,287,971	10,576,371	1,755,517
1885.....	1,581,186	305,773	5,205,178	737,476	6,786,784	1,043,249
1886.....	1,035,023	411,134	6,904,729	888,901	8,939,752	1,300,035
1887.....	2,307,186	394,632	5,759,475	746,895	8,066,661	1,141,527
1888.....	1,951,672	349,210	5,743,389	942,305	7,695,061	991,515
1889.....	1,598,767	272,934	5,860,239	656,851	7,459,106	929,785
1890.....	2,001,252	350,055	4,264,663	572,970	6,265,915	923,025
1891.....	2,206,840	390,549	5,033,333	752,259	7,240,173	1,142,808
1892.....	1,872,198	315,040	4,209,835	608,822	6,082,033	923,862
1893.....	2,358,745	384,178	3,721,566	540,419	6,080,311	924,597
1894.....	1,820,606	264,804	3,508,815	431,254	5,329,421	696,058
1895.....	2,330,366	341,222	3,491,695	459,529	5,822,061	800,751
1896.....	1,913,863	283,512	3,601,522	422,313	5,515,385	705,825
1897.....	5,149,896	779,621	9,022,804	1,211,390	14,172,700	1,991,011
1898.....	3,175,071	399,903	4,746,872	659,593	7,921,943	1,059,496
1899.....	4,228,862	468,600	7,494,735	917,698	11,733,597	1,386,298
1900.....	4,435,220	506,757	10,127,267	1,346,596	14,562,487	1,853,353
1901.....	1,891,587	228,970	6,606,152	838,692	8,497,739	1,067,662
1902.....	2,226,584	287,530	3,554,620	581,215	5,781,204	868,745
1903.....	2,956,468	406,822	5,968,805	1,106,347	8,925,277	1,513,169
1904.....	2,784,614	401,210	5,214,182	1,020,362	7,998,796	1,421,572
1905.....	3,167,842	469,279	4,841,972	974,462	8,009,815	1,393,741
1906.....	3,417,862	571,608	5,265,384	1,169,714	8,683,246	1,741,422

TEA

The imports during each month of the last four years, in pounds, are as follows:

Month	1906	1905	1904	1903
January ---	212,642	204,070	198,474	248,909
February --	387,571	435,308	125,340	124,647
March -----	126,890	89,146	145,961	128,481
April -----	118,350	143,409	81,430	56,201
May -----	146,127	295,632	91,992	176,131
June -----	894,118	655,097	581,552	1,330,413
July -----	1,278,360	520,821	2,503,723	1,570,960
August ----	1,840,524	2,210,705	1,861,226	2,210,913
September --	1,971,318	1,776,080	1,147,508	1,666,827
October ----	875,410	604,507	926,932	1,199,111
November --	796,360	884,424	435,641	566,894
December ---	572,978	672,312	248,254	316,473
Totals----	9,220,648	8,491,511	8,387,133	9,595,960

The sources of imports during 1906 and the previous year were as follows:

Sources	1906		1905	
	Pounds	Values	Pounds	Values
China -----	3,417,862	\$ 571,608	3,167,842	\$ 469,279
Japan -----	5,265,384	1,169,714	4,841,973	974,462
British East Indies --	507,975	96,895	418,680	62,791
Elsewhere -----	29,427	5,207	63,016	8,835
Totals -----	9,220,648	\$1,843,424	8,491,511	\$1,515,367

Exports by sea during 1906 and the previous year were as follows:

To	1906		1905	
	Pounds	Values	Pounds	Values
Atlantic States -----	3,895	\$ 814	2,180	\$ 475
Mexico -----	14,371	2,640	24,962	4,267
Central America -----	9,286	2,187	12,418	2,184
South America -----	800	180	760	172
Hawaii -----	50,208	11,263	60,215	11,981
Pacific Islands -----	1,460	370	1,270	230
Japan -----	-----	-----	114	25
China and Hongkong-----	812	182	1,176	213
British Columbia -----	420	94	860	168
Asiatic Russia -----	3,207	726	1,242	224
Elsewhere -----	514	118	80	15
Totals -----	84,973	\$ 18,574	105,277	\$ 19,954

SUGAR

The imports during each month of the last four years, in pounds, are as follows:

Month	1906	1905	1904	1903
January	17,462,850	16,147,897	276,476	484,868
February	25,896,410	27,582,976	623,329	992,807
March	34,762,562	29,861,459	641,333	628,545
April	39,815,408	42,698,193	247,113	718,797
May	24,361,765	37,743,323	1,851,192	207,167
June	41,895,204	51,319,637	2,711,295	792,955
July	48,371,165	34,222,910	3,346,713	2,087,526
August	29,978,820	27,782,114	4,500,670	364,382
September	34,361,417	19,927,742	3,817,004	3,376,134
October	9,874,586	13,923,006	4,429,932	1,617,308
November	8,127,060	6,442,226	13,765,984	324,746
December	4,329,174	3,685,934	506,305	2,620,020
Totals	319,236,421	313,337,417	36,717,346	14,212,255

Hawaiian Island sugar is not included prior to 1905.

The sources of imports during 1906 and the previous year were as follows:

Source	1906		1905	
	Pounds	Values	Pounds	Values
Hawaii	302,490,518	\$ 5,998,962	298,850,306	\$ 5,989,786
China	2,304,180	47,170	2,717,490	56,372
Guatemala	5,061,328	102,718	3,801,012	78,410
Salvador	1,628,500	31,874	2,607,625	53,718
Nicaragua	4,096,840	79,217	2,660,245	54,126
Mexico	3,302,189	65,740	3,529,336	74,080
Elsewhere	352,866	6,908	171,403	3,296
Totals	319,236,421	\$6,332,589	313,337,417	\$6,309,788

Exports by sea during 1906 and the previous year were as follows:

To	1906		1905	
	Pounds	Values	Pounds	Values
Atlantic States	225,640	\$ 9,172	194,612	\$ 8,172
Mexico	108,782	4,286	408,514	17,764
Central America	9,140	372	4,670	204
South America	67,028	2,785	96,208	3,987
Hawaii	982,492	39,828	1,123,479	48,629
Pacific Islands	37,504	1,409	54,620	2,314
Japan	261,718	10,312	389,090	16,707
China	498,312	19,178	862,874	37,840
Australasia	274,869	10,891	315,926	14,109
British Columbia	148,311	5,724	126,233	5,182
Asiatic Russia	172,860	6,844	197,420	8,265
Elsewhere	296,137	11,715	264,030	12,320
Totals	3,042,793	\$122,516	4,037,676	\$175,473

COFFEE

The imports during each month of the past four years, in pounds, are as follows:

Month	1906	1905	1904	1903
January	2,704,851	3,273,964	1,991,648	3,814,276
February	3,173,104	2,907,850	2,919,403	4,604,392
March	4,718,928	5,929,448	3,799,475	5,764,474
April	2,361,050	4,863,828	3,380,669	5,083,246
May	2,578,000	4,488,886	3,539,909	5,070,507
June	3,061,250	1,678,696	5,919,595	2,951,276
July	1,207,624	1,618,458	1,565,852	3,600,956
August	918,695	3,311,280	3,139,646	846,981
September	862,314	408,364	1,963,007	695,964
October	1,121,746	1,978,452	1,022,349	397,757
November	964,380	257,984	816,609	408,731
December	1,271,746	777,974	2,529,293	780,505
Totals	24,943,688	31,495,184	32,592,455	34,019,565

The sources of imports during 1906 and the previous year were as follows:

Source	1906		1905	
	Pounds	Values	Pounds	Values
Central America	21,864,318	\$2,098,541	28,520,118	\$2,566,810
Ecuador	614,950	60,324	562,340	50,612
East Indies	1,396,835	135,696	1,417,562	127,580
Mexico	902,320	89,061	976,796	87,921
Elsewhere	65,505	6,130	18,368	1,653
Totals	24,943,688	\$2,389,752	31,495,184	\$2,834,576

The exports by sea during 1906 and the previous year were as follows:

To	1906		1905	
	Pounds	Values	Pounds	Values
Atlantic States	5,182	\$ 504	6,418	\$ 577
Europe	37,290	3,263	62,370	5,613
Mexico	609,125	58,017	647,912	64,312
South America	47,060	4,560	51,507	4,835
Hawaii	104,112	9,279	112,672	12,140
Pacific Islands	8,096	765	8,715	784
Philippine Islands ..	23,075	2,871	41,862	3,968
Japan	38,198	3,604	50,210	4,818
China & Hongkong ..	181,260	17,328	196,364	18,672
Australasia	387,954	36,020	445,180	44,164
British Columbia ..	161,362	15,814	218,074	20,626
Elsewhere	48,955	4,621	23,108	2,079
Totals	1,657,669	\$156,646	1,864,292	\$182,586

RICE

The imports during each month of the last four years, in pounds, are as follows:

Month	1906	1905	1904	1903
January	3,679,840	4,021,549	3,594,541	4,590,207
February	5,487,918	8,701,263	7,636,336	5,621,489
March	6,349,207	4,195,902	4,214,552	8,293,141
April	2,104,370	3,511,449	2,430,359	3,839,559
May	207,490	862,084	934,139	2,706,064
June	572,308	768,072	2,836,645	465,650
July	186,274	222,188	1,000,039	1,009,511
August	892,306	1,196,417	446,858	707,695
September	718,890	993,685	183,105	285,380
October	1,461,560	1,318,687	357,820	555,255
November	1,574,214	827,872	392,837	452,878
December	1,628,390	3,152,562	1,264,756	2,166,697
Totals	24,862,767	29,771,630	25,291,987	30,694,826

The sources of imports during 1906 and the previous year were as follows;

Sources	1906		1905	
	Pounds	Values	Pounds	Values
China	18,928,470	\$491,628	23,317,420	\$582,935
Japan	5,402,926	132,964	5,987,304	149,682
Italy			239,495	5,987
Elsewhere	531,371	17,651	227,411	5,685
Totals	24,862,767	\$642,243	29,771,630	\$744,289

Exports by sea during 1906 and the previous year were as follows:

To	1906		1905	
	Pounds	Values	Pounds	Values
Atlantic States	31,862	\$ 928	24,718	\$ 617
Mexico	740,651	3,270	769,830	3,849
Central America	2,104,718	60,847	2,589,087	64,727
South America	112,696	3,146	282,140	7,053
Hawaii	4,028,304	102,975	4,674,008	106,850
Pacific Islands	416,852	11,361	492,315	12,307
Japan	3,620	94	2,430	60
China & Hongkong	24,715	602	31,208	780
Australasia	12,520	317	23,407	585
British Columbia	19,105	478	17,618	440
Asiatic Russia	143,050	3,861	179,800	4,490
Panama	216,842	5,487	207,256	5,181
Elsewhere	93,164	2,803	67,644	1,691
Totals	7,948,099	\$196,169	9,361,461	\$208,627

WHALEBONE AND OIL

The receipts of Bone and Oil at this port by the whaling fleet of 1905 were comparatively small. Only eight vessels arrived, and for the first year in the history of the business there was no Ivory brought to port. The details of the year's business in this line is as follows:

Received Per	Arrived	Oil, bbls.	Bone, lbs.
Gay Head	Oct. 25.....	418	2,000
Monterey	Nov. 2.....	.....	2,400
Alice Knowles.....	Nov. 2.....	700	1,800
William Baylies.....	Nov. 3.....	.....	25,000
California.....	Nov. 3.....	350	2,000
Andrew Hicks.....	Nov. 15.....	250	1,000
John & Winthrop.....	Nov. 20.....	230	3,000
Gotama.....	Nov. 21.....	125	1,350

The receipts of Oil, Bone and Ivory at San Francisco from the Arctic during the season of 1906 were as follows:

Received Per	Arrived	Oil, bbls	Bone, lbs.	Ivory, lbs.
Jeannette.....	Nov. 5.....	60	.....	.....
John & Winthrop..	Nov. 6.....	200	3,000	.....
William Baylies.....	Nov. 7.....	.....	2,970	.....
Thrasher	Nov. 7.....	175	1,800	235
Alice Knowles	Nov. 8.....	600	.....	.....
Gotama	Nov. 8.....	140	2,400	.....
Belvedere	Nov. 10.....	40	1,800	.....
Beluga	Nov. 11.....	140	14,000	.....
Bowhead	Nov. 12.....	370	5,200	.....
Andrew Hicks.....	Nov. 16.....	750	.....	.....

San Francisco is the leading whaling port of the world, and the product of the industry for the past thirty-three years has been as follows:

Years	Vessels	Oil, bbls.	Bone, lbs.	Ivory, lbs.
1874.....	11	10,300	86,300	7,600
1875.....	12	16,300	157,000	25,400
1876.....	7	2,800	8,800	7,000
1877.....	20	13,900	139,600	74,000
1878.....	21	9,600	73,300	30,000
1879.....	22	17,400	127,500	32,900
1880.....	20	23,200	339,000	15,300
1881.....	26	21,800	354,500	15,400
1882.....	30	21,100	316,600	17,800
1883.....	37	13,300	160,200	23,100
1884.....	40	20,373	295,700	5,421
1885.....	43	30,143	448,075	7,066
1886.....	43	20,661	332,931	5,273
1887.....	41	32,884	603,400	550
1888.....	42	16,083	275,700	14,700
1889.....	48	12,019	216,775	1,130
1890.....	44	14,985	247,360	4,000
1891.....	46	12,124	220,650	1,300
1892.....	42	12,700	416,850	15,800
1893.....	50	6,935	310,200	8,600
1894.....	18	8,409	240,050	7,367
1895.....	15	4,147	104,595	4,415
1896.....	23	6,052	189,212	6,470
1897.....	13	5,280	141,470	5,500
1898.....	20	7,603	225,225	9,510
1899.....	18	6,221	306,125	6,430
1900.....	19	4,910	177,700	580
1901.....	16	6,745	76,680	1,139
1902.....	21	10,976	110,662	15,566
1903.....	19	6,487	64,790	1,536
1904.....	23	6,940	85,188	697
1905.....	8	2,073	38,550	.....
1906.....	10	2,475	31,170	235
Totals.....	869	485,775	6,113,838	371,785

COAL, COKE AND IRON

The annual receipts of Coal and the various sources of supply during 1906 and the three preceding years were as follows:

Sources	1906 Tons	1905 Tons	1904 Tons	1903 Tons
British Columbia	318,712	348,515	335,137	289,890
Australia	62,950	85,031	148,409	176,186
English and Welsh	67,362	65,087	64,664	61,580
Scotch .....	.....	.....	1,666	3,495
Eastern (Cumberland and Anthracite)	14,967	11,663	29,055	13,262
Seattle (Washington)	98,751	84,965	139,063	127,819
Tacoma (Washington)	91,260	81,480	182,313	256,826
Mt. Diablo, Coos Bay and Tesla	108,195	114,930	96,520	84,277
Japan, and Rocky Mountains by rail	49,852	40,219	54,245	102,219
Totals	811,947	831,890	1,051,072	1,215,554

The consumption of coal for 1905 was 219,182 tons less than for 1904. This shrinkage must not be taken as an indication that our fuel requirements have been less than in 1904. The apparent diminished quantity of coal was much more than made good by an output the past two years of fully 3,000,000 barrels of fuel oil in excess of 1904. The quantity of coal shipped here from British Columbia continues liberal, whereas the Australian amount shrunk heavily. A new feature has recently developed itself in Colonial deliveries being made here by steamers; with freight at about 16s per ton, and with the duty of 67c per ton, the importers receive a very small compensation for the coal; less than one-half the amount demanded for British Columbia coal at port of shipment.

The quotations for coal of all grades ruled uniform throughout 1905 and 1906; the prices of steam grades have favored the buyers, having fuel oil for a close competitor. This has not been an advantageous port for coal carriers to come to, for on arrival here they find no profitable outward business, either for lumber or cereals. The labor disturbances in British Columbia, which lasted for about six months of 1905, served to diminish the importations from the Nanaimo section, and helped to increase the Colonial importations, both as to quantity and price.

COKE.

The total deliveries here by sail during 1905 aggregate 66,511 tons, as against 57,991 tons the previous year; over 50 per cent of the 1905 deliveries was shipped from Great Britain, the remainder coming from Belgium and Germany.

PIG IRON.

The total importations of foreign pig iron into this port during 1905 were 13,413 tons. Over 85 per cent was shipped from Great Britain alone. Consumers during the year were favored with fairly low prices.

CRUDE OIL PRODUCTION

The output of petroleum oil in California during 1906 and the two preceding years and the stocks on hand at the close of the last year, are shown as follows:

PRODUCING FIELDS	1904 BARRELS	1905 BARRELS	1906 BARRELS
Coalinga -----	5,114,000	8,869,000	8,575,000
Santa Maria and Lompoc--	670,500	5,300,000	5,500,000
Kern River -----	17,500,000	14,000,000	15,000,000
Los Angeles -----	1,200,000	3,000,000	2,800,000
Sunset -----	400,000	400,000	450,000
Midway -----	910	5,000	10,000
McKittrick -----	1,875,925	720,000	850,000
Newhall and Ventura ----	663,100	500,000	525,000
Fullerton and Brea Canyon	147,500	1,750,000	1,700,000
Whittier and Puente ----	748,000	960,000	950,000
Summerland -----	120,000	75,000	80,000
Sargents -----	35,090	20,000	25,000
Half Moon Bay -----	1,000	2,000	5,000
Arroyo Grande -----	-----	5,000	4,000
Total Barrels -----	28,476,025	35,671,000	36,474,000
Average daily yield, barrels	78,011	96,000	99,928

PRODUCING FIELDS	FIELD STOCKS Dec. 31, 1904	FIELD STOCKS Dec. 31, 1905	FIELD STOCKS Dec. 31, 1906
Kern River -----	10,500,000	15,000,000	12,250,000
Santa Maria and Lompoc--	200,000	1,310,000	1,125,000
Los Angeles and Salt Lake	128,000	350,000	300,000
Coalinga -----	74,000	30,000	60,000
Fullerton and Brea Canyon	77,760	100,000	40,000
Puente and Whittier ----	138,200	160,000	120,000
Newhall -----	4,000	50,000	40,000
Ventura -----	60,000	60,000	50,000
Summerland -----	10,400	-----	10,000
Sunset -----	250,000	350,000	225,000
Midway -----	5,000	75,000	30,000
McKittrick -----	120,000	120,000	100,000
Sargents -----	9,800	-----	-----
Arroyo Grande -----	-----	5,000	3,000
Half Moon Bay -----	1,000	3,000	1,000
Total -----	11,578,160	17,613,000	14,354,000

Field Stocks include oil in receiving tanks awaiting shipment.

The wells in operation in each district and the new wells being drilled during 1905 and 1906 are shown as follows:

DISTRICTS	1905		1906	
	WELLS PRODUCING	WELLS DRILLING	WELLS PRODUCING	WELLS DRILLING
Kern River -----	680	6	694	8
Santa Maria and Lompoc -----	73	42	97	14
Los Angeles and Salt Lake -----	300	20	306	7
Coalinga -----	243	26	258	11
Fullerton and Brea Canyon -----	150	3	152	5
Puente and Whittier -----	94	8	98	9
Newhall -----	52	1	54	3
Ventura -----	246	2	248	4
Summerland -----	120	1	123	2
Sunset -----	38	3	40	4
Midway -----	21	3	23	6
McKittrick -----	90	2	94	3
Sargents -----	5	2	7	1
Arroyo Grande -----	1	3	4	1
Half Moon Bay -----	2	1	3	1
Totals -----	2,116	123	2,201	79

The output of Crude Oil exported during 1905 was in the neighborhood of 800,000 barrels; in 1906 it was about 860,000 barrels; the manufacture of Kerosene has consumed about 4,000,000 barrels each year. Statistics as to the quantity utilized in sprinkling roads and the manufacture of Lubricating Oils and Naphtha have not yet been compiled. The Railroads of the State are computed to be consuming about 15,000,000 barrels annually, proving that Fuel Oil discovery in California and the low prices at which it is being produced have proved a greater boon to railroads than any other line of commerce.

In consequence of the insufficiency of transportation facilities and the want of a market at prices at which the oil could be laid down at tide water, a number of wells were shut down during several months of the past two years.

Stock of oil in tankage and reservoirs, 14,300,000 barrels.

The production of the State varies in gravity from 9° Beaume, the lowest gravity in the Sunset field, to 38° B., the highest gravity in the Newhall field.

The depth of the producing wells ranges from 2000 feet at Summerland to 2500 feet at Fullerton.

The bulk of the kerosene used on the Pacific Coast is now being refined from California oil. The lubricating oils used on the Pacific Coast are practically all of California production.

THE YIELD OF OIL

The annual output in California for a series of years is as follows:

YEAR	BARRELS	VALUE
1870.....	3,600	\$ 5,125
1871.....	5,200	7,370
1872.....	6,500	9,876
1873.....	7,200	10,920
1874.....	7,700	11,540
1875.....	8,400	12,090
1876.....	9,600	15,410
1877.....	12,750	18,140
1878.....	15,227	22,780
1879.....	19,858	29,672
1880.....	42,399	68,450
1881.....	99,862	130,678
1882.....	128,636	172,730
1883.....	142,857	207,540
1884.....	262,000	428,600
1885.....	325,000	613,920
1886.....	377,145	642,785
1887.....	678,572	1,357,144
1888.....	690,333	1,380,666
1889.....	303,220	368,048
1890.....	307,360	384,200
1891.....	323,600	401,264
1892.....	385,049	561,333
1893.....	470,179	608,092
1894.....	783,078	1,064,521
1895.....	1,245,339	1,000,235
1896.....	1,257,780	1,180,793
1897.....	1,911,569	1,918,269
1898.....	2,249,088	2,376,420
1899.....	2,677,875	2,660,793
1900.....	4,329,950	4,152,928
1901.....	8,754,500	7,487,600
1902.....	13,973,500	10,269,385
1903.....	24,337,828	16,521,400
1904.....	28,476,025	19,896,702
1905.....	35,671,000	23,381,150
1906.....	36,474,000	26,029,155

Valuations are based on selling prices at tidewater.

ELECTRIC POWER

The leading facts and statistics relative to the electric power stations in California on July 1, 1905, are shown as follows:

Items	Private	Municipal	Totals
Number of plants.....	109	11	120
Cost of Construction.....	\$37,218,860	\$462,918	\$37,681,778
Yearly earnings from operation			
Arc Lights—			
Private use.....	\$526,719	\$1,008	\$527,727
Public use.....	461,200	35,320	496,520
Incandescent Lights—			
Private use.....	2,318,492	63,890	2,382,382
Public use.....	63,204	21,735	84,939
Electric Railway service	186,718	2,604	189,322
Motor service.....	1,219,341	11,465	1,230,806
Other electric service	230,682	980	231,662
All other sources	115,276	7,123	122,399
Total earnings.....	\$5,121,632	\$144,125	\$5,265,757
Yearly expenses for operation—			
Salaries and wages	\$1,280,918	\$34,308	\$1,315,226
Supplies, materials and fuel.....	1,408,307	44,718	1,453,025
Rents, taxes and sundries.....	681,071	7,624	688,695
Interest on bonds.....	718,860	8,178	727,038
Total expenses	\$4,089,156	\$94,828	\$4,183,984
Horse Power—			
Steam engines, No.....	142	12	154
Horse power	56,890	2,460	59,350
Water wheels, No.....	136	4	140
Horse power	89,420	760	90,180
Gas engines, No.....	8		8
Horse power	1,012		1,012
Auxiliary engines, No.....	49		49
Horse power	1,860		1,860
Total Horse power.....	149,182	3,220	152,402
Dynamo capacity—			
Number in use	384	25	409
Horse power	124,620	2,682	127,302
Direct current constant voltage, No.....	127	7	134
Horse power	18,212	68	18,280
Direct current constant amperage, No....	79	5	84
Horse power	5,280	184	464
Alternating and polyphase current, No...	178	11	189
Horse power	90,416	1,727	92,143
Transmission wire, miles	5,214	296	5,510
No. of arc lights in use	18,490	504	18,994
No. of incandescent lights in use.....	1,029,672	33,607	1,063,279
Employes and salaries—			
Officials and clerks	412	22	434
Annual salaries.....	\$430,970	\$14,110	\$444,980
Wage earners	1,014	46	1,060
Annual wages.....	\$773,840	\$25,410	\$799,250

QUICKSILVER

The receipts at San Francisco from California mines during the past four years were as follows:

Months	1906 Flasks	1905 Flasks	1904 Flasks	1903 Flasks
January	1,782	1,528	2,311	1,559
February	1,462	1,781	2,394	2,755
March	2,100	2,864	2,010	1,708
April	1,620	1,408	2,205	1,464
May	250	1,736	1,715	2,056
June	1,030	1,740	2,162	2,344
July	1,660	1,367	1,783	1,966
August	1,601	1,348	1,637	1,841
September	806	1,237	1,834	2,453
October	1,508	1,764	2,613	2,966
November	1,018	990	3,161	2,139
December	1,800	1,530	1,907	3,283
Totals	16,642	19,276	25,732	26,534

EXPORTS BY SEA

To	1906		1905	
	Flasks	Values	Flasks	Values
Mexico	3,628	\$137,862	3,870	\$143,456
China	2,400	91,200	3,500	124,830
Central America	1,072	40,732	1,195	45,231
British Columbia	84	3,172	26	987
New York	5,014	190,532	4,895	186,577
Japan	2,462	93,556	3,298	122,372
Siberia	4	158	3	119
Chili	12	468	8	290
Korea	30	1,170	24	876
Australia	22	880	.....	.....
Panama .....	.....	.....	.....	.....
Ecuador	4	160	2	80
Manila	12	480	10	375
Hawaii	2	80	1	40
Totals	14,746	\$560,450	16,832	\$625,233

The annual production of Quicksilver in California and the exports from San Francisco for a series of years are as follows:

PRODUCTION		EXPORTS	
YEAR	FLASKS	YEAR	FLASKS
1852.....	20,000	1852.....	900
1853.....	22,284	1853.....	12,737
1854.....	30,004	1854.....	20,963
1855.....	33,000	1855.....	27,165
1856.....	30,000	1856.....	23,740
1857.....	28,204	1857.....	27,262
1858.....	31,000	1858.....	24,142
1859.....	13,000	1859.....	3,399
1860.....	10,000	1860.....	9,448
1861.....	35,000	1861.....	35,995
1862.....	42,000	1862.....	33,747
1863.....	40,531	1863.....	26,014
1864.....	47,489	1864.....	36,927
1865.....	53,000	1865.....	42,469
1866.....	46,550	1866.....	30,287
1867.....	47,000	1867.....	28,853
1868.....	47,728	1868.....	44,506
1869.....	33,811	1869.....	24,415
1870.....	30,077	1870.....	13,788
1871.....	31,686	1871.....	15,205
1872.....	31,621	1872.....	13,089
1873.....	27,642	1873.....	6,395
1874.....	27,756	1874.....	6,770
1875.....	50,250	1875.....	28,960
1876.....	75,074	1876.....	41,140
1877.....	79,396	1877.....	46,280
1878.....	63,880	1878.....	34,280
1879.....	73,684	1879.....	52,180
1880.....	59,926	1880.....	34,648
1881.....	60,851	1881.....	35,269
1882.....	52,732	1882.....	40,166
1883.....	46,725	1883.....	37,873
1884.....	31,913	1884.....	21,896
1885.....	32,073	1885.....	25,495
1886.....	29,981	1886.....	10,030
1887.....	33,760	1887.....	21,137
1888.....	33,250	1888.....	16,620
1889.....	26,464	1889.....	12,078
1890.....	22,926	1890.....	5,640
1891.....	22,904	1891.....	13,654
1892.....	27,993	1892.....	27,108
1893.....	30,164	1893.....	28,326
1894.....	30,416	1894.....	28,884
1895.....	36,104	1895.....	30,687
1896.....	30,765	1896.....	27,048
1897.....	26,648	1897.....	24,864
1898.....	31,092	1898.....	6,077
1899.....	29,454	1899.....	10,155
1900.....	26,317	1900.....	7,294
1901.....	25,492	1901.....	5,337
1902.....	26,184	1902.....	9,826
1903.....	29,362	1903.....	16,741
1904.....	36,218	1904.....	23,184
1905.....	28,412	1905.....	16,832
1906.....	26,176	1906.....	14,746

* The exports do not include shipments from State by land since 1897.

RECEIPTS OF DAIRY PRODUCE

The monthly receipts of butter at San Francisco during 1906 and the three preceding years, were as follows:

MONTHS	1906 Pounds	1905 Pounds	1904 Pounds	1903 Pounds
January.....	627,400	799,200	674,000	760,700
February.....	974,505	1,076,842	938,300	992,000
March.....	2,070,119	1,924,719	1,233,400	1,303,300
April.....	851,614	1,994,702	1,391,000	2,007,000
May.....	.....	2,880,781	2,112,200	2,251,300
June.....	.....	1,773,378	1,744,100	2,244,300
July.....	247,341	1,735,902	2,535,900	1,188,300
August.....	1,305,268	2,020,463	1,003,800	567,800
September.....	667,889	940,147	564,500	524,800
October.....	728,200	833,699	604,300	516,400
November.....	1,095,839	930,917	648,700	423,400
December.....	714,207	539,198	885,800	790,300
Total.....	9,282,382	17,449,948	14,336,000	13,569,600

The monthly receipts of cheese for four years are shown as follows:

MONTHS	1906 Pounds	1905 Pounds	1904 Pounds	1903 Pounds
January.....	320,600	296,963	311,900	289,800
February.....	344,292	335,329	453,500	350,500
March.....	659,660	543,871	765,700	469,900
April.....	288,174	555,287	556,100	628,500
May.....	.....	880,518	553,900	767,300
June.....	.....	658,185	540,000	720,200
July.....	276,492	827,125	448,400	765,300
August.....	721,508	757,948	457,300	548,800
September.....	379,685	529,410	395,000	483,300
October.....	471,085	420,468	411,500	477,900
November.....	768,410	723,801	422,200	372,800
December.....	392,627	316,134	420,600	330,400
Total.....	4,622,533	6,845,039	5,736,100	6,204,700

The monthly receipts of eggs during the last four years is shown as follows:

MONTHS	1906 Dozens	1905 Dozens	1904 Dozens	1903 Dozens
January	377,220	391,440	675,330	482,960
February	891,690	485,670	843,750	796,240
March	1,729,950	1,133,700	1,240,420	1,291,320
April	270,440	1,033,380	1,239,350	1,474,320
May .....	.....	1,356,750	1,159,170	1,392,180
June .....	.....	1,200,600	1,040,520	1,222,590
July	90,750	779,610	1,033,410	877,950
August	136,290	982,320	671,850	588,890
September	84,670	599,430	471,700	505,970
October	119,980	528,990	435,570	478,380
November	137,030	389,190	405,870	442,290
December	274,196	336,210	372,180	503,740
Total	4,112,216	9,217,290	9,589,120	10,056,830

The receipts of butter, cheese and eggs at San Francisco for a series of years past, were as follows:

YEARS	BUTTER Lbs.	CHEESE Lbs.	EGGS Doz.
1902	14,801,150	5,562,300	8,551,754
1901	14,971,780	3,980,870	8,324,990
1900	14,564,100	5,409,155	5,506,896
1899	13,807,300	6,092,840	7,120,654
1898	15,606,050	4,777,300	6,101,405
1897	14,634,000	6,036,420	5,442,202
1896	13,769,850	5,124,660	4,941,967
1895	14,344,300	5,257,900	4,932,204
1894	17,257,100	6,689,620	4,881,375
1893	17,037,900	6,750,000	4,715,711
1892	14,677,300	7,497,900	5,308,905
1891	12,881,950	6,637,600	5,070,662
1890	12,583,400	6,835,700	6,122,776
1889	12,123,200	5,889,000	5,836,202

DAIRY PRODUCTS

The annual value of the products of the dairies of California are shown as follows:

1902

Value of 31,424,135 pounds of butter	\$7,541,792
Value of 6,503,441 pounds of cheese	702,371
Value of 146,680 cases of condensed milk and cream.....	564,758
Value of milk and cream consumed.....	6,236,555
Value of calves from dairy cows.....	1,568,040
Value of hogs produced on dairies and creameries.....	1,710,040
Total.....	\$18,323,556

1903

Value of 34,786,289 pounds of butter.....	\$8,669,077
Value of 7,218,639 pounds of cheese	856,996
Value of 126,878 cases of condensed milk and cream	621,233
Value of milk and cream consumed	6,682,738
Value of calves from dairy cows	1,724,844
Value of hogs produced on dairies and creameries.....	1,881,264
Total.....	\$20,436,152

1904

Value of 35,636,969 pounds of butter.....	\$8,374,673
Value of 6,133,898 pounds of cheese	613,898
Value of 186,905 cases of condensed milk and cream.....	747,620
Value of milk and cream consumed	7,016,872
Value of calves from dairy cows	1,820,864
Value of hogs produced on dairies and creameries	1,801,640
Total	\$20,375,567

1905

Value of 41,961,047 pounds of butter.....	\$10,490,262
Value of 6,020,072 pounds of cheese	722,480
Value of 244,878 cases of condensed milk.....	820,341
Value of milk and cream consumed.....	6,279,222
Value of calves produced on dairies	1,750,000
Value of skim milk from butter production.....	1,510,597
Total	\$21,572,902

1906

Value of 44,044,878 pounds of butter.....	\$11,671,814
Value of 6,418,480 pounds of cheese.....	815,146
Value of 113,025 cases of condensed milk	378,633
Value of milk and cream consumed	6,467,598
Value of calves produced on dairy farms	1,837,500
Value of skim milk from butter production.....	1,586,120
Total	\$22,756,811

HOPS

The monthly shipments from San Francisco by sea during the last three years were as follows:

Month	1906		1905		1904	
	Pounds	Value	Pounds	Value	Pounds	Value
January	50,857	\$ 5,214	12,757	\$ 1,914	45,034	\$ 12,384
February.....	55,681	5,676	40,678	6,601	42,636	11,572
March	63,548	6,314	27,426	4,613	22,893	6,420
April	15,596	1,621	28,786	4,517	7,080	1,790
May	14,650	1,594	8,139	1,120	5,963	1,582
June.....	8,862	962	12,663	2,299	6,138	1,640
July	16,420	1,719	5,652	847	3,075	809
August.....	2,125	241	2,380	357	1,966	612
September	19,328	2,016	83,968	12,895	46,599	13,721
October.....	98,393	9,927	150,397	22,759	62,892	16,840
November.....	25,533	2,612	150,258	22,538	64,974	17,908
December.....	58,368	5,974	203,720	30,859	76,654	19,837
Totals	429,361	\$43,450	726,833	\$111,319	385,904	\$105,115

The destinations of the exports during the last three years were as follows:

To	1906		1905		1904	
	Pounds	Value	Pounds	Value	Pounds	Value
New Zealand	18,748	\$ 1,930	28,417	\$ 6,262	19,870	\$ 4,890
Australia.....	234,918	23,072	341,612	51,241	226,856	59,719
Hawaiian Islands	23,907	2,481	42,108	6,316	26,718	7,942
China.....	14,430	1,470	27,413	4,111	18,405	4,590
Mexico	1,263	130	2,160	324	930	282
Central America..	2,182	241	4,210	631	6,924	1,898
Japan	9,478	1,012	12,449	1,867	6,715	1,861
India	34,817	3,574	79,840	11,976	55,176	16,874
British Columbia	13,675	1,408	28,600	4,290	16,330	4,928
England	518	52	496	74	250	60
South America....	4,748	479	6,290	943	4,179	1,105
Pacific Islands....	907	92	1,150	172	180	42
Manila.....	1,689	184	2,642	396	1,967	578
Siberia.....	98	98	140	21	80	20
Siam.....	174	189	162	24	140	32
Eastern States	52,918	5,357	126,404	18,960	974	243
Elsewhere.....	14,891	1,681	24,740	3,711	210	51
Totals	429,361	\$43,450	726,833	\$111,319	385,904	\$105,115

LUMBER

The receipts of Pine, Spruce and Fir lumber in feet, at San Francisco, from California mills during 1906 and the three preceding years were as follows:

MONTH	1906	1905	1904	1903
January	32,026,000	40,756,000	31,530,609	27,991,000
February	36,299,000	30,063,000	24,829,370	21,694,794
March	41,131,791	35,172,085	34,553,401	27,417,939
April	26,926,595	34,514,005	31,351,463	33,701,000
May	34,072,000	37,689,000	35,500,899	28,483,000
June	52,881,000	49,794,549	39,408,916	33,250,000
July	54,457,000	49,103,628	43,468,951	31,515,000
August	80,847,000	37,997,587	61,250,000	18,317,000
September	72,059,000	42,343,367	45,123,000	41,555,000
October	80,681,000	52,178,675	35,813,000	31,912,409
November	96,254,611	31,230,000	22,933,000	25,772,000
December	78,191,000	42,570,000	32,631,987	45,044,000
Totals	685,825,997	483,411,896	438,394,596	366,653,142

The monthly receipts of California Redwood Lumber at San Francisco during 1906 and the three preceding years, in feet, were as follows:

MONTH	1906	1905	1904	1903
January	19,487,628	15,479,169	18,314,489	11,379,701
February	21,318,402	17,268,401	16,553,373	13,674,840
March	17,607,976	16,091,316	8,141,719	13,579,649
April	18,796,318	20,462,594	13,702,281	13,847,119
May	26,412,270	20,579,198	22,271,803	15,435,943
June	29,118,417	22,766,811	21,469,936	12,971,894
July	25,679,320	21,564,922	19,039,787	14,131,364
August	28,746,976	23,503,695	22,503,076	12,901,812
September	23,491,080	16,804,426	18,603,260	15,687,891
October	24,952,104	20,757,876	20,452,117	18,829,490
November	25,863,096	16,831,700	18,143,161	15,339,350
December	26,763,177	19,921,421	21,940,285	15,223,989
Totals	287,236,764	232,031,529	221,135,287	173,003,042

Annual receipts of Redwood for nine preceding years were as follows:

Year	Feet	Year	Feet
1894	92,741,008	1899	141,465,146
1895	135,578,205	1900	136,760,974
1896	109,613,151	1901	142,289,078
1897	132,579,056	1902	162,712,857
1898	118,148,890		

The exports from San Francisco by sea during the past two years, were as follows:

To	1906		1905	
	Feet	Value	Feet	Value
Australia	5,839,340	\$192,452	9,348,931	\$299,440
Central America	1,022,286	26,804	2,490,701	59,916
England	1,041,600	25,498	710,480	13,666
Mexico	3,004,524	73,607	2,218,827	39,500
Tahiti	373,674	11,351	1,027,064	18,488
Samoa	40,665	1,134	332,446	7,704
Panama	1,818,190	59,309	1,345,942	31,605
Japan	78,196	2,103	152,112	3,260
Siberia .....	.....	.....	56,000	916
Ecuador .....	.....	.....	242,527	5,799
Marshall Islands....	12,928	432	282,596	6,242
Marquesas Islands..	.....	.....	.....	.....
New Zealand	53,218	3,609	11,065	412
Germany .....	.....	.....	96,294	3,321
China	35,000	700	.....	.....
Fanning Island .....	.....	.....	.....	.....
South Africa	31,559	1,499	.....	.....
Caroline Islands ..	.....	.....	85,099	2,141
Manila	154,643	7,000	121,031	2,425
Peru	1,378,194	41,529	1,161,170	37,362
Chile	130,158	8,452	267,068	15,456
Colombia	25,820	812	5,512	137
Clipperton Island ..	10,390	410	138,559	2,612
Italy .....	.....	.....	.....	.....
Belgium	48,500	1,355	84,500	1,120
Miscellaneous	31,163	1,324	122,232	2,193
Total Foreign..	15,206,078	\$460,453	19,427,518	\$532,641
New York	480,452	16,995	1,327,371	42,534
Hawaii	2,540,001	54,572	3,165,740	65,565
Totals	18,226,531	\$532,020	23,920,629	\$650,840

The record of exports from San Francisco by sea for a series of years past is shown as follows:

Year	Feet	Value	Year	Feet	Value
1893	14,124,601	\$283,772	1899	20,827,884	\$483,017
1894	18,427,812	354,362	1900	26,208,541	564,249
1895	17,671,082	300,031	1901	29,861,299	714,171
1896	33,620,005	650,448	1902	20,548,191	517,226
1897	26,057,484	476,813	1903	25,899,878	734,405
1898	22,080,922	413,195	1904	29,820,409	819,121

The exports of lumber of all kinds from San Francisco by sea during each month of the past two years, were as follows:

Months	1906		1905	
	Feet	Value	Feet	Value
January	2,067,534	\$56,290	675,201	\$ 17,585
February	1,481,393	42,905	3,425,519	99,544
March	3,541,880	90,097	3,069,497	84,925
April	1,651,000	35,750	1,174,690	28,009
May	701,713	13,192	1,517,983	38,160
June	857,544	19,054	1,269,578	35,873
July	1,334,683	35,852	1,275,713	23,873
August	1,163,476	56,454	1,144,849	41,350
September	1,073,961	33,875	2,283,228	45,791
October	1,889,652	61,600	3,777,535	111,611
November	1,794,883	66,271	2,292,842	67,386
December	668,812	20,680	2,013,994	56,733
Totals	18,226,531	\$532,020	23,920,629	\$650,840

The total domestic and foreign shipments of lumber from all the Redwood mills in California during 1906 and the three preceding years, in feet, were as follows:

Months	1906	1905	1904	1903
January	20,545,772	23,669,944	27,294,700	22,083,459
February	23,074,246	24,413,104	22,071,899	20,091,229
March	22,320,949	23,859,925	14,059,588	23,822,095
April	21,365,475	28,641,948	20,244,090	21,588,305
May	26,117,000	28,189,605	33,796,798	24,478,915
June	20,654,000	30,797,337	31,905,328	21,985,050
July	28,174,815	33,878,140	28,686,440	28,449,281
August	27,618,000	31,285,594	30,213,865	26,969,961
September	31,957,000	27,125,965	26,709,878	27,296,068
October	33,196,000	31,341,596	29,115,906	29,286,753
November	39,539,000	28,962,432	29,273,850	27,455,381
December	35,410,000	35,513,563	31,304,618	27,837,456
Totals	329,972,257	347,679,153	324,676,960	301,343,953
Other Lumber	37,684,720	42,178,860	29,165,792	28,511,603
Total mill cut	367,656,727	389,858,013	353,842,752	329,855,556

THE WOOL TRADE

Comparatively little wool is exported from California by the water routes, the bulk being shipped East by the overland railroads. Records of the latter, however, are no longer furnished for publication.

PRODUCTION

The estimated production annually in this State since 1854 has been as follows:

Year	Pounds	Year	Pounds
1854.....	175,000	1881.....	42,204,769
1855.....	300,000	1882.....	32,448,349
1856.....	600,000	1883.....	40,484,690
1857.....	1,100,000	1884.....	37,415,330
1858.....	1,428,351	1885.....	36,561,390
1859.....	2,378,250	1886.....	38,509,160
1860.....	3,055,325	1887.....	31,564,231
1861.....	3,721,998	1888.....	32,567,972
1862.....	5,990,300	1889.....	34,008,770
1863.....	6,268,480	1890.....	34,917,320
1864.....	7,923,670	1891.....	33,183,475
1865.....	8,949,931	1892.....	35,802,930
1866.....	8,532,047	1893.....	33,169,375
1867.....	10,288,600	1894.....	36,968,400
1868.....	14,232,657	1895.....	35,856,690
1869.....	15,413,970	1896.....	27,195,550
1870.....	20,072,660	1897.....	32,534,230
1871.....	22,187,188	1898.....	28,063,240
1872.....	24,255,468	1899.....	22,000,000
1873.....	32,455,169	1900.....	21,360,000
1874.....	39,356,781	1901.....	22,040,500
1875.....	43,532,223	1902.....	25,835,700
1876.....	56,550,970	1903.....	22,500,000
1877.....	53,110,742	1904.....	21,500,000
1878.....	40,862,061	1905.....	22,000,000
1879.....	46,903,360	1906.....	24,000,000
1880.....	46,074,154		

BONDS AND STOCKS

The monthly valuation record of sales of bonds at the San Francisco Stock and Bond Exchange during the past five years, is as follows:

MONTH	1906	1905	1904	1903	1902
January.....	\$1,072,000	\$1,658,000	\$1,223,400	\$895,700	\$800,600
February.....	1,018,000	1,660,000	890,300	955,500	597,000
March.....	1,142,000	1,617,000	493,500	730,200	808,000
April.....	.....	1,471,000	456,000	582,500	811,860
May.....	.....	1,101,000	596,000	419,000	436,000
June.....	.....	1,193,500	550,400	219,100	373,000
July.....	903,000	1,734,000	888,000	281,040	609,000
August.....	955,000	2,065,000	674,100	346,000	500,000
September.....	1,289,000	1,396,000	1,130,000	479,000	437,200
October.....	807,000	1,257,600	1,013,500	474,000	544,700
November.....	593,000	1,223,100	1,071,000	360,500	610,500
December.....	754,000	1,643,000	1,276,000	540,600	732,000
Totals.....	\$8,533,000	\$18,019,200	\$10,262,200	\$6,283,140	\$7,259,860

The monthly totals of shares of miscellaneous stocks sold at the San Francisco Stock and Bond Exchange during the past five years is as follows:

MONTH	1906	1905	1904	1903	1902
January.....	24,672	65,890	14,715	21,781	12,421
February.....	21,319	35,332	7,404	33,428	16,582
March.....	29,748	27,914	11,962	38,535	16,250
April.....	.....	21,797	11,637	13,440	14,234
May.....	.....	19,871	8,807	20,828	12,862
June.....	.....	13,845	4,821	18,914	6,666
July.....	17,439	15,511	9,109	19,027	8,146
August.....	21,615	40,289	19,859	15,663	12,189
September.....	26,052	47,969	20,851	14,378	13,178
October.....	16,250	26,935	19,992	9,880	20,411
November.....	20,645	35,999	49,352	12,101	19,578
December.....	14,698	20,727	21,462	8,872	40,027
Total shares	192,438	372,079	199,701	226,847	192,544

SALES OF STOCKS

The monthly record of sales of oil and miscellaneous shares at the California Stock and Oil Exchange during 1906 and the previous three years is as follows:

Month	1906	1905	1904	1903
January	92,796	172,968	84,507	267,019
February	79,817	157,614	96,677	322,445
March	88,640	132,545	194,630	190,908
April.....	.....	133,676	186,035	236,268
May .....	.....	78,416	202,101	401,454
June .....	.....	222,911	47,498	154,720
July.....	.....	158,436	47,072	74,594
August .....	.....	157,308	90,672	181,478
September.....	24,796	87,501	101,330	113,019
October	33,840	101,472	76,547	73,460
November	47,412	93,282	124,768	69,067
December	61,218	59,003	149,686	82,452
Totals	428,519	1,555,132	1,401,523	2,166,884

INTEREST ON DEPOSITS

The several banks in San Francisco which pay interest on deposits announced during 1906, the following rates per annum, payable semi-annually.

Bank	January 1, 1906		January 1, 1907	
	Ordinary	Term	Ordinary	Term
Columbus Savings.....	3.60	.....	3.60	.....
French Savings.....	3.50	.....	3.25	.....
German Savings	3.60	.....	3.60	.....
Hibernia Savings	3.50	.....	3.70	.....
Humboldt Savings	3.60	.....	3.60	.....
Mutual Savings	3.50	.....	3.50	.....
S. F. Savings Union	3.33½	3.60	3.42	3.80
Savings and Loan Society.....	3.50	.....	3.50	.....
Security Savings	3.50	.....	3.50	.....
Mechanics' Savings	3.50	.....	3.50	.....
Scandinavian American	3.50	3.60	3.50	.....

On Savings deposits in Commercial Banks as follows:

	Ordinary	Term	Ordinary	Term
Bank of Italy.....	3.60	.....	3.80	.....
California Safe Deposit.....	3.50	3.60	3.50	3.60
Central Trust Co.....	3.50	3.60	3.60	.....
City and County Bank	3.25	.....	3.60	.....
Italian American Bank	3.60	.....	3.60	.....
Market Street Bank.....	3.50	4.00	3.50	4.00
Swiss American Bank.....	3.25	3.00	3.50	.....
Union Trust Co.....	3.00	3.30	3.60	.....

INSURANCE

Statistics of the Fire and Marine Insurance business transacted in the State of California during 1904 and 1905, as reported to the Insurance Commissioner, are as follows:

	1905	1904
FIRE INSURANCE		
Amount written	\$675,687,313 40	\$672,856,757 67
Premiums on same	10,353,046 04	10,104,033 49
Losses paid.....	3,883,540 20	3,830,252 77
Ratio of losses to premiums.....	37.5	37.9
MARINE INSURANCE		
Amount written	\$234,061,970 48	\$222,652,653 89
Premiums on same	1,581,196 83	1,502,518 52
Losses paid	1,463,939 42	899,004 65
Ratio of losses to premiums.....	92.5	59.8
This business was apportioned as follows:		
TO COMPANIES OF THIS STATE		
Fire Insurance—		
Amount written	\$46,570,746 35	\$63,716,213 00
Premiums on same	945,197 38	867,256 22
Losses paid.....	365,541 62	337,360 56
Ratio of losses to premiums.....	38.6	38.9
Marine Insurance—		
Amount written	\$35,780,522 00	\$41,592,425 00
Premiums on same	303,552 28	267,308 90
Losses paid.....	215,011 20	153,847 01
Ratio of losses to premiums.....	70.8	57.5
TO COMPANIES OF OTHER STATES		
Fire Insurance—		
Amount written	\$368,425,355 57	\$325,091,278 24
Premiums on same	5,524,046 18	5,048,589 28
Losses paid	2,040,421 77	1,883,373 56
Ratio of losses to premiums.....	36.0	37.3
Marine Insurance—		
Amount written	\$16,346,786 12	\$11,307,734 60
Premiums on same	165,620 32	121,409 50
Losses paid.....	131,918 74	93,360 48
Ratio of losses to premiums.....	79.6	76.9
TO COMPANIES OF FOREIGN COUNTRIES		
Fire Insurance—		
Amount written	\$260,691,211 48	\$284,049,268 43
Premiums on same	3,884,564 48	4,188,187 99
Losses paid.....	1,477,576 81	1,609,518 65
Ratio of losses to premiums.....	38.0	38.4
Marine Insurance—		
Amount written	\$181,934,662 36	\$169,752,494 29
Premiums on same	1,112,024 23	1,113,800 12
Losses paid.....	1,117,009 48	651,797 16
Ratio of losses to premiums.....	100.4	58.6

REAL ESTATE

The monthly totals of sales in the city and county of San Francisco during 1906 and the preceding year, are as follows:

MONTH	1906		1905	
	NUMBER	AMOUNT	NUMBER	AMOUNT
January	974	\$10,777,308	634	\$2,935,125
February	947	10,328,363	646	4,075,442
March	1,259	18,250,570	794	4,950,675
April	631	6,583,840	691	4,850,618
May	70	573,400	764	5,745,028
June	507	1,886,170	792	6,911,395
July	688	3,435,222	751	6,875,363
August	699	2,603,449	817	6,431,176
September	624	2,397,967	870	7,302,320
October	829	2,913,569	956	7,410,105
November	854	4,481,410	952	9,323,312
December	865	3,833,032	905	8,115,506
Totals	8,947	\$68,064,300	9,572	\$74,926,065

The totals of sales for forty years past are as follows:

YEAR	AMOUNT	YEAR	AMOUNT
1867.....	\$17,640,367	1887.....	\$20,745,059
1868.....	27,217,026	1888.....	24,744,479
1869.....	29,937,717	1889.....	33,768,969
1870.....	15,630,192	1890.....	36,545,887
1871.....	12,717,792	1891.....	27,431,135
1872.....	13,127,458	1892.....	20,518,955
1873	12,383,752	1893.....	13,621,492
1874.....	23,893,903	1894.....	14,227,050
1875.....	35,889,374	1895.....	15,947,361
1876.....	24,058,666	1896.....	11,545,331
1877.....	18,549,991	1897.....	12,903,025
1878.....	14,583,967	1898.....	10,747,102
1879.....	10,318,744	1899.....	14,555,137
1880.....	13,994,989	1900.....	18,527,814
1881.....	12,233,933	1901.....	29,147,969
1882.....	15,127,750	1902.....	47,396,512
1883.....	15,876,408	1903.....	47,710,157
1884.....	13,374,207	1904.....	45,803,908
1885.....	13,134,354	1905.....	74,926,065
1886.....	15,119,760	1906.....	68,064,300

The records of mortgages and releases during 1905 are as follows:

BY WHOM TAKEN OR RELEASED	MORTGAGES		RELEASES	
	No.	AMOUNT	No.	AMOUNT
Private Individuals.....	2,048	\$6,855,102	1,503	\$4,649,214
Hibernia Savings and Loan Soc.	1,674	8,878,301	1,227	8,169,704
Savings and Loan Society.....	230	1,630,530	204	1,169,935
French Savings Bank.....	142	669,975	110	568,450
German Savings and Loan Soc'y	857	5,213,245	440	3,001,178
Humboldt Savings Bank.....	339	1,449,570	179	592,850
San Francisco Savings Union ...	320	5,257,320	281	2,141,580
Security Savings Bank.....	192	1,421,100	124	797,070
Mutual Savings Bank	309	1,790,665	220	1,253,425
Columbus Savings & Loan Soc'ty	93	250,650	41	124,442
Union Trust Company.....	16	346,500	6	89,000
Central Trust Company.....	1	1,200	6	17,000
Building and Loan Associations	282	492,280	362	690,519
Mechanics Savings Bank	73	197,125	21	44,000
Bank of Italy	170	563,292	27	75,927
Totals	6,746	\$35,016,855	4,751	\$23,384,294

The records of mortgages and releases during 1906 are as follows:

BY WHOM TAKEN OR RELEASED	MORTGAGES		RELEASES	
	No.	AMOUNT	No.	AMOUNT
Private Individuals.....	2,043	\$ 8,114,081	1,645	.....
Hibernia Savings and Loan Soc'y	1,053	10,992,151	1,050	.....
Savings and Loan Society.....	121	838,470	106	.....
French Savings Bank.....	164	1,065,275	142	.....
German Savings and Loan Soc'y	709	5,568,996	510	.....
Humboldt Savings Bank	235	1,243,650	200	.....
San Francisco Savings Union ...	191	3,617,365	218	.....
Security Savings Bank.....	110	1,402,059	128	.....
Mutual Savings Bank.....	209	881,700	200	.....
Columbus Savings & Loan Soc'y	69	240,307	61	.....
Union Trust Company.....	11	95,900	24	.....
Central Trust Company.....	4	277,000	33	.....
Building and Loan Associations	362	641,776	269	.....
Mechanics Savings Bank	21	68,400	20	.....
Bank of Italy	186	778,550	54	.....
Totals	5,488	\$35,825,680	4,660	.....

NOTE.—Owing to the destruction by fire on April 18, 1906, of the official records of the City and County of San Francisco, the amounts of the releases for 1906 cannot be given.

The records of mortgages and releases for a series of years past are as follows:

MORTGAGES		
YEARS	NUMBER	AMOUNT
1905.....	6,746	\$35,016,855
1904.....	6,116	32,977,736
1903.....	5,194	30,889,988
1902.....	4,783	25,254,542
1901.....	4,111	20,148,304
1900.....	4,010	17,034,453
1899.....	4,909	13,817,496
1898.....	4,395	12,356,870
1897.....	4,322	13,817,716
1896.....	4,215	14,272,584
1895.....	4,747	17,652,007
1894.....	4,343	17,562,719
1893.....	3,791	13,743,444
1892.....	4,305	16,060,918

RELEASES		
YEARS	NUMBER	AMOUNT
1905.....	4,751	\$23,384,294
1904.....	3,912	20,982,723
1903.....	4,003	21,346,699
1902.....	3,953	20,249,190
1901.....	3,311	15,472,143
1900.....	3,230	14,711,964
1899.....	2,926	13,880,306
1898.....	2,602	10,154,754
1897.....	2,774	10,245,709
1896.....	2,680	10,768,545
1895.....	2,778	13,174,353
1894.....	2,639	12,666,359
1893.....	2,414	9,388,666
1892.....	2,674	10,315,611

CALIFORNIA PROPERTY

Showing the State rate of taxation on each \$100 of valuation from the organization of the State Government to the year 1906, inclusive:

YEARS	Total Assessed Value of all Property in California	Value of Personal Property	Percent- age of Personal Property	State Rate of Taxation
1850.....	\$ 57,670,689	\$ 13,968,797	24.22	\$0.50
1851.....	49,231,052	20,935,116	42.52	.65
1852.....	64,579,375	24,213,395	37.49	.65
1853.....	95,335,646	33,674,000	35.32	.60
1854.....	111,191,630	39,040,428	35.11	.60
1855.....	103,887,193	34,858,319	33.56	.60
1856.....	115,007,440	40,942,699	35.60	.70
1857.....	126,059,461	59,149,630	46.92	.70
1858.....	125,955,877	54,185,728	43.01	.60
1859.....	131,060,279	56,580,344	43.17	.60
1860.....	148,193,540	68,369,383	46.06	.60
1861.....	147,811,617	73,350,591	49.62	.60
1862.....	160,369,071	74,014,666	46.15	.77
1863.....	174,104,955	80,496,645	46.23	.92
1864.....	179,164,730	78,117,375	43.60	1.25
1865.....	183,534,312	79,782,436	43.47	1.15
1866.....	200,368,826	92,490,635	46.15	1.13
1867.....	212,205,339	100,105,600	47.17	1.13
1868.....	237,483,175	105,112,083	44.26	1.00
1869.....	260,563,879	104,723,592	40.19	.97
1870.....	277,538,134	108,001,588	38.90	.865
1871.....	267,868,126	86,174,230	32.17	.865
1872.....	637,232,823	219,942,323	30.40	.50
1873.....	528,747,043	118,425,520	22.20	.50
1874.....	611,495,197	210,779,127	34.46	.649
1875.....	618,083,315	199,243,292	32.07	.605
1876.....	595,073,177	140,431,866	25.27	.735
1877.....	586,953,022	128,780,824	21.77	.63
1878.....	584,578,036	118,304,451	20.23	.55
1879.....	549,220,968	112,325,850	20.45	.625
1880.....	666,399,985	174,514,906	26.18	.64
1881.....	659,835,762	160,058,309	24.24	.655
1882.....	608,642,036	134,048,419	22.02	.596
1883.....	765,729,430	167,338,644	21.85	.497
1884.....	821,078,767	166,394,997	20.26	.452
1885.....	859,512,384	172,760,681	27.90	.544
1886.....	816,446,700	151,937,132	18.60	.56
1887.....	956,740,805	165,663,387	17.31	.608
1888.....	1,107,952,700	173,273,458	15.63	.504
1889.....	1,111,550,979	170,661,836	15.35	.722
1890.....	1,101,137,290	169,489,475	15.39	.58
1891.....	1,239,647,063	189,599,783	15.29	.446
1892.....	1,275,816,228	187,008,874	14.66	.434
1893.....	1,216,700,283	173,853,273	14.59	.576
1894.....	1,205,918,403	163,581,104	13.56	.493
1895.....	1,138,282,013	157,726,988	13.85	.685
1896.....	1,266,593,065	142,353,345	11.24	.429
1897.....	1,089,814,836	120,592,875	11.07	.51
1898.....	1,130,885,697	128,855,959	11.39	.488
1899.....	1,193,764,673	164,070,620	13.74	.601
1900.....	1,218,292,457	184,380,015	15.13	.498
1901.....	1,241,705,803	189,506,344	15.26	.48
1902.....	1,290,750,465	200,164,271	15.50	.382
1903.....	1,598,603,226	269,488,904	16.85	.561
1904.....	1,550,511,761	239,623,282	15.45	.535
1905.....	1,624,991,742	239,062,273	14.71	.49
1906.....	1,594,781,905	238,006,160	14.92	.476

CALIFORNIA PROPERTY

The area and population of the counties of the State, together with the assessed valuation of all descriptions of property in each county during the last three years, makes the following showing,

COUNTY	Area in Square Miles	Population 1900	Assessed Valuation 1904	Assessed Valuation 1905	Assessed Valuation 1906
Alameda	840	130,197	\$109,714,508	\$116,643,771	\$120,856,881
Alpine	575	509	460,829	468,385	488,314
Amador	508	11,116	5,166,016	5,440,642	5,116,074
Butte	1,764	17,117	16,872,164	16,834,887	16,125,088
Calaveras	960	7,364	6,238,170	6,085,409	6,146,360
Colusa	1,090	14,046	12,416,397	12,288,800	11,707,418
Contra Costa	750	2,408	21,011,378	21,861,312	21,501,870
Del Norte	1,546	8,946	3,096,686	3,000,214	3,273,445
El Dorado	1,891	37,862	4,773,801	4,965,011	4,572,375
Fresno	5,940	5,150	37,525,100	38,140,183	36,130,333
Glenn	1,400	27,104	10,877,733	10,605,202	9,850,432
Humboldt	3,507	4,877	24,080,483	24,111,145	25,432,400
Inyo	10,224	16,480	2,411,149	2,411,145	2,748,197
Kern	8,159	9,871	21,888,120	21,867,465	22,700,571
Kings	1,257	6,017	8,226,835	8,127,865	7,984,456
Lake	1,332	4,511	3,316,675	3,590,222	3,531,645
Lassen	4,750	170,298	5,268,069	5,610,753	5,313,793
Los Angeles	3,957	6,264	201,509,786	222,610,753	239,304,088
Madera	2,140	15,702	7,403,563	7,438,381	6,230,950
Marin	516	4,720	13,780,047	14,141,121	13,864,175
Mariposa	1,580	20,465	2,416,006	2,277,871	2,121,845
Mendocino	3,460	9,215	11,947,391	12,177,783	12,275,111
Merced	1,590	20,465	17,947,391	17,947,391	13,568,707
Modoc	3,460	9,215	11,947,391	12,177,783	4,494,264
Mono	800	17,789	14,429,068	14,429,068	980,435
Monterey	950	19,696	9,933,282	9,933,282	17,721,155
Napa	790	15,786	4,021,415	4,021,415	13,659,270
Nevada	1,484	4,657	1,128,809	1,128,809	6,575,925
Orange	2,361	17,897	19,481,403	19,481,403	15,213,28
Placer	7,008	45,915	19,481,403	19,481,403	7,409,39
Plumas	1,007	6,683	13,415,150	13,415,150	4,147,3
Riverside	1,476	27,929	13,415,150	13,415,150	14,513,1
Sacramento	20,055	35,090	14,429,068	14,429,068	14,513,1
San Benito	8,400	342,782	9,933,282	9,933,282	37,096,7
San Bernardino	42	35,452	4,021,415	4,021,415	6,434
San Diego	1,370	16,687	15,786,197	15,786,197	17,026
San Francisco	3,500	12,094	6,525,382	6,525,382	22,75
San Joaquin	470	18,934	20,818,109	20,818,109	375,96
San Luis Obispo	2,450	60,216	21,722,167	21,722,167	36,74
San Mateo	1,355	21,512	11,947,391	11,947,391	13,9
Santa Barbara	425	17,318	1,974,437	1,974,437	19,1
Santa Clara	4,050	4,017	12,051,350	12,051,350	18,3
Santa Cruz	910	16,962	18,902,921	18,902,921	68
Shasta	6,078	24,143	30,611,036	30,611,036	12
Sierra	911	38,480	14,371,601	14,371,601	11
Siskiyou	1,340	9,550	6,676,030	6,676,030	7
Solano	1,486	5,896	11,996,947	11,996,947	1
Sonoma	611	10,996	1,994,843	1,994,843	1
Stanislaus	3,200	4,383	18,278,066	18,278,066	1
Sutter	3,276	18,375	7,780,810	7,780,810	1
Tehama	4,985	11,166	10,243,304	10,243,304	1
Trinity	2,282	1,850	13,618	13,618	1
Tulare	1,850	1,017	8,020	8,020	1
Tuolumne	625	625	625	625	1
Ventura					
Yolo					
Yuba					
Totals		157,031	1,485,053	\$1,550,511,761	\$1,624,991,742

CALIFORNIA PRODUCTS

The annual yield of some of the leading products of the State, with approximate values, for a series of years, and trade estimates for 1906 are as follows:

DRIED FRUITS

PRUNES			APPLES		
Year	Pounds	Value	Year	Pounds	Value
1887.....	7,500,000	\$ 182,000	1887.....	700,000	\$49,000
1888.....	8,050,000	193,000	1888.....	550,000	40,000
1889.....	17,150,000	860,000	1889.....	500,000	36,000
1890.....	16,200,000	810,000	1890.....	1,000,000	75,000
1891.....	27,500,000	1,360,000	1891.....	1,800,000	110,000
1892.....	22,500,000	1,140,000	1892.....	2,750,000	170,000
1893.....	52,180,000	2,000,000	1893.....	3,800,000	230,000
1894.....	44,750,000	1,700,000	1894.....	5,850,000	350,000
1895.....	64,500,000	2,800,000	1895.....	4,560,000	275,000
1896.....	55,200,000	2,400,000	1896.....	2,350,000	140,000
1897.....	97,780,000	3,750,000	1897.....	5,250,000	320,000
1898.....	90,420,000	3,600,000	1898.....	3,520,000	215,000
1899.....	112,900,000	3,980,000	1899.....	5,900,000	356,000
1900.....	174,000,000	4,950,000	1900.....	6,360,000	390,500
1901.....	81,600,000	2,400,000	1901.....	6,450,000	392,000
1902.....	195,000,000	5,670,000	1902.....	9,750,000	586,200
1903.....	165,000,000	4,267,000	1903.....	3,600,000	240,000
1904.....	135,000,000	3,425,000	1904.....	3,000,000	225,000
1905.....	75,000,000	2,100,000	1905.....	6,500,000	420,000
1906.....	180,000,000	5,250,000	1906.....	5,500,000	350,000

PEACHES			APRICOTS		
Year	Pounds	Value	Year	Pounds	Value
1887.....	8,000,000	\$ 560,000	1887.....	3,600,000	\$ 340,000
1888.....	8,650,000	600,000	1888.....	3,250,000	300,000
1889.....	5,250,000	370,000	1889.....	2,500,000	225,000
1890.....	12,250,000	850,000	1890.....	8,500,000	765,000
1891.....	13,250,000	925,000	1891.....	13,500,000	1,080,000
1892.....	13,500,000	940,000	1892.....	12,500,000	1,040,000
1893.....	16,800,000	1,160,000	1893.....	9,500,000	800,000
1894.....	30,540,000	2,120,000	1894.....	28,750,000	2,250,000
1895.....	24,500,000	1,705,000	1895.....	10,650,000	900,000
1896.....	16,460,000	1,050,000	1896.....	6,740,000	610,000
1897.....	27,150,000	1,890,000	1897.....	30,125,000	2,450,000
1898.....	10,960,000	765,000	1898.....	8,240,000	750,000
1899.....	34,800,000	2,430,000	1899.....	11,600,000	925,000
1900.....	34,340,000	2,260,000	1900.....	28,080,000	2,250,000
1901.....	29,510,000	1,982,000	1901.....	15,750,000	1,260,000
1902.....	50,420,000	3,587,000	1902.....	37,525,000	3,108,000
1903.....	36,000,000	2,450,000	1903.....	21,000,000	1,920,000
1904.....	23,000,000	1,590,000	1904.....	17,000,000	1,350,000
1905.....	35,000,000	2,550,000	1905.....	38,500,000	2,750,000
1906.....	22,500,000	1,650,000	1906.....	6,500,000	700,000

PEARS			PLUMS		
Year	Pounds	Value	Year	Pounds	Value
1887	180,000	\$ 14,000	1887	450,000	\$ 17,50
1888	150,000	10,000	1888	365,000	15,00
1889	140,000	9,700	1889	330,000	13,50
1890	600,000	42,000	1890	1,000,000	42,00
1891	1,000,000	68,000	1891	1,250,000	51,00
1892	2,250,000	157,500	1892	2,000,000	84,00
1893	2,640,000	180,750	1893	1,500,000	62,00
1894	6,530,000	457,200	1894	2,760,000	112,50
1895	5,400,000	375,000	1895	4,500,000	190,00
1896	9,650,000	675,500	1896	2,100,000	87,00
1897	6,350,000	434,000	1897	3,250,000	135,00
1898	6,620,000	460,000	1898	2,460,000	100,00
1899	5,760,000	403,000	1899	3,360,000	136,00
1900	14,550,000	1,018,500	1900	3,900,000	160,00
1901	6,510,000	460,000	1901	3,450,000	120,00
1902	5,250,000	465,000	1902	2,560,000	103,50
1903	5,000,000	430,000	1903	2,870,000	105,00
1904	3,500,000	350,000	1904	2,300,000	85,00
1905	3,500,000	360,000	1905	1,860,000	75,00
1906	7,000,000	675,000	1906	2,000,000	80,00

NECTARINES			FIGS		
Year	Pounds	Value	Year	Pounds	Value
1887	300,000	\$19,000	1887	200,000	\$ 9,
1888	345,000	20,750	1888	175,000	8,
1889	275,000	16,500	1889	225,000	11
1890	525,000	32,000	1890	360,000	18
1891	625,000	38,000	1891	365,000	18
1892	720,000	45,000	1892	500,000	21
1893	780,000	47,500	1893	890,000	4
1894	1,250,000	75,000	1894	1,540,000	7
1895	1,325,000	80,000	1895	2,750,000	14
1896	625,000	37,500	1896	2,160,000	11
1897	285,000	17,250	1897	3,250,000	1
1898	190,000	12,000	1898	4,780,000	?
1899	840,000	50,500	1899	5,800,000	'
1900	875,000	52,500	1900	6,000,000	
1901	650,000	42,000	1901	6,500,000	
1902	910,000	56,250	1902	7,250,000	
1903	635,000	43,500	1903	6,000,000	
1904	420,000	28,000	1904	5,700,000	
1905	370,000	25,000	1905	7,250,000	
1906	340,000	22,000	1906	7,750,000	

DRIED GRAPES			HOPS		
Year	Pounds	Value	Year	Bales	Pounds
1887.....	3,000,000	\$ 85,000	1887.....	32,600	5,936,000
1888.....	2,340,000	70,200	1888.....	35,000	6,860,000
1889.....	2,500,000	75,000	1889.....	35,400	6,938,400
1890.....	10,500,000	275,000	1890.....	28,400	5,566,400
1891.....	5,500,000	150,000	1891.....	36,150	7,085,400
1892.....	4,000,000	120,000	1892.....	39,800	7,800,800
1893.....	4,880,000	145,000	1893.....	51,400	10,074,400
1894.....	4,510,000	135,000	1894.....	67,500	13,230,000
1895.....	4,250,000	125,000	1895.....	52,000	10,192,000
1896.....	2,700,000	80,000	1896.....	35,000	6,860,000
1897.....	3,450,000	103,000	1897.....	45,000	8,820,000
1898.....	640,000	19,000	1898.....	44,500	8,722,000
1899.....	450,000	13,000	1899.....	59,000	11,564,000
1900.....	480,000	14,500	1900.....	36,000	7,056,000
1901.....	350,000	12,000	1901.....	48,000	9,360,000
1902.....	375,000	13,750	1902.....	53,000	10,176,000
1903.....	410,000	15,000	1903.....	56,000	10,752,000
1904.....	340,000	12,000	1904.....	63,000	12,222,000
1905.....	385,000	14,000	1905.....	67,500	13,095,000
1906.....	400,000	15,000	1906.....	80,000	15,520,000

WALNUTS			ALMONDS		
Year	Pounds	Value	Year	Pounds	Value
1887.....	800,000	\$ 65,000	1887.....	300,000	\$ 35,000
1888.....	1,000,000	72,000	1888.....	220,000	25,000
1889.....	1,500,000	105,000	1889.....	450,000	50,000
1890.....	2,000,000	142,000	1890.....	250,000	28,000
1891.....	2,124,000	148,000	1891.....	500,000	60,000
1892.....	2,950,000	205,000	1892.....	1,066,000	120,000
1893.....	2,866,000	200,000	1893.....	720,000	80,000
1894.....	5,805,000	420,000	1894.....	2,125,000	235,000
1895.....	4,620,000	325,000	1895.....	1,850,000	205,000
1896.....	8,230,000	580,000	1896.....	3,210,000	356,000
1897.....	7,970,000	490,000	1897.....	4,750,000	525,000
1898.....	11,300,000	795,000	1898.....	900,000	100,000
1899.....	11,160,000	789,000	1899.....	4,640,000	515,000
1900.....	10,860,000	775,000	1900.....	5,480,000	600,000
1901.....	13,800,000	990,000	1901.....	3,000,000	288,000
1902.....	17,140,000	1,230,000	1902.....	6,540,000	524,250
1903.....	11,000,000	920,000	1903.....	6,400,000	515,000
1904.....	15,180,000	1,215,000	1904.....	1,600,000	140,000
1905.....	11,500,000	925,000	1905.....	4,250,000	385,000
1906.....	12,250,000	1,250,000	1906.....	1,800,000	200,000

ORANGES			LEMONS		
Season	Cars	Boxes	Season	Cars	Boxes
1886-87..	2,200	705,000	1886-87..	12	3
1887-88..	2,500	840,000	1887-88..	20	6
1888-89..	2,782	1,007,084	1888-89..	26	8
1889-90..	3,476	1,278,312	1889-90..	34	11
1890-91..	3,980	1,440,760	1890-91..	40	13
1891-92..	4,538	1,642,750	1891-92..	52	17
1892-93..	5,960	2,156,520	1892-93..	65	21
1893-94..	5,270	1,407,740	1893-94..	145	48
1894-95..	7,985	2,890,570	1894-95..	335	111
1895-96..	7,268	2,631,016	1895-96..	565	186
1896-97..	7,682	2,670,884	1896-97..	1,378	460
1897-98..	16,120	5,835,440	1897-98..	2,410	804
1898-99..	11,280	4,083,360	1898-99..	1,230	410
1899-00..	18,978	6,870,036	1899-00..	2,520	781
1900-01..	25,340	8,200,080	1900-01..	3,260	1,010
1901-02..	19,910	7,207,420	1901-02..	1,830	585
1902-03..	23,871	8,641,302	1902-03..	3,150	982
1903-04..	26,979	10,359,936	1903-04..	3,420	1,128
1904-05..	26,044	10,000,896	1904-05..	5,378	1,862
1905-06..	28,260	10,082,560	1905-06..	5,146	1,831

HONEY		BEET SUGAR	
Year	Pounds	Year	Pounds
1887.....	3,200,000	1887.....	3,750
1888.....	3,500,000	1888.....	4,280
1889.....	2,200,000	1889.....	5,170
1890.....	5,000,000	1890.....	9,250
1891.....	4,000,000	1891.....	8,175
1892.....	1,240,000	1892.....	8,624
1893.....	2,680,000	1893.....	21,801
1894.....	4,275,000	1894.....	40,204
1895.....	4,000,000	1895.....	49,232
1896.....	5,350,000	1896.....	64,510
1897.....	7,878,000	1897.....	70,740
1898.....	1,820,000	1898.....	36,180
1899.....	2,822,000	1899.....	64,890
1900.....	2,208,000	1900.....	60,638
1901.....	8,112,000	1901.....	137,400
1902.....	5,125,000	1902.....	147,535
1903.....	8,400,000	1903.....	131,080
1904.....	1,040,000	1904.....	118,394
1905.....	9,500,000	1905.....	122,500
1906.....	5,250,000	1906.....	128,000

RAISINS

The annual production of Raisins in California and the approximate Value of the yearly crops for a series of years past is as follows:

YEAR	20 lb. bxs.	Pyunds	Value
1870.....	1,200	24,000	\$ 1,350
1871.....	2,000	40,000	2,100
1872.....	3,500	70,000	3,400
1873.....	5,950	119,000	6,000
1874.....	9,000	180,000	9,100
1875.....	11,000	220,000	12,000
1876.....	19,000	380,000	20,000
1877.....	32,000	640,000	34,000
1878.....	48,000	960,000	50,000
1879.....	65,000	1,300,000	68,000
1880.....	75,000	1,500,000	80,000
1881.....	90,000	1,800,000	91,000
1882.....	115,000	2,300,000	120,000
1883.....	125,000	2,500,000	132,000
1884.....	175,000	3,500,000	181,000
1885.....	475,000	9,500,000	490,000
1886.....	703,000	14,060,000	720,000
1887.....	800,000	16,000,000	825,000
1888.....	1,250,000	25,000,000	1,260,000
1889.....	1,633,900	32,678,000	1,640,000
1890.....	1,900,000	38,000,000	1,920,000
1891.....	2,600,000	52,000,000	2,650,000
1892.....	2,850,000	57,000,000	2,900,000
1893.....	4,250,000	85,000,000	4,300,000
1894.....	5,150,000	103,000,000	5,180,000
1895.....	4,658,000	93,160,000	4,672,000
1896.....	3,412,530	68,230,600	3,430,000
1897.....	4,685,200	93,704,000	4,725,000
1898.....	4,031,550	80,631,000	4,050,000
1899.....	3,578,400	71,568,000	3,590,000
1900.....	4,716,750	94,335,000	4,740,000
1901.....	3,712,500	74,250,000	3,765,000
1902.....	5,400,000	108,750,000	5,432,500
1903.....	6,000,000	120,000,000	6,250,000
1904.....	3,750,000	75,000,000	3,975,000
1905.....	4,375,000	87,500,000	4,350,000
1906.....	4,750,000	95,000,000	4,600,000

CALIFORNIA'S GOLD

Gold was discovered by James W. Marshall on January 24, 1848, at Sutter's Mill, near Coloma, El Dorado County. Since that time the annual production has been as follows:

Year	Production	Year	Production
1848.....	\$ 245,301	1878.....	\$18,839,141
1849.....	10,151,360	1879.....	19,626,654
1850.....	41,273,106	1880.....	20,030,761
1851.....	75,938,232	1881.....	19,223,155
1852.....	81,294,700	1882.....	17,146,416
1853.....	67,613,487	1883.....	24,316,873
1854.....	69,433,931	1884.....	13,600,000
1855.....	55,485,395	1885.....	12,661,044
1856.....	57,509,411	1886.....	14,716,506
1857.....	43,628,172	1887.....	13,588,614
1858.....	46,591,140	1888.....	12,750,000
1859.....	45,846,599	1889.....	11,212,913
1860.....	44,095,163	1890.....	12,309,793
1861.....	41,884,995	1891.....	12,728,869
1862.....	38,854,668	1892.....	12,571,900
1863.....	23,501,736	1893.....	12,422,811
1864.....	24,071,423	1894.....	13,923,281
1865.....	17,930,858	1895.....	15,334,317
1866.....	17,123,867	1896.....	17,181,562
1867.....	18,265,452	1897.....	15,871,401
1868.....	17,555,867	1898.....	15,906,478
1869.....	18,229,044	1899.....	15,336,031
1870.....	17,458,133	1900.....	15,863,355
1871.....	17,477,885	1901.....	16,989,044
1872.....	15,482,194	1902.....	16,910,320
1873.....	15,019,210	1903.....	16,471,264
1874.....	17,264,836	1904.....	19,109,600
1875.....	16,876,009	1905.....	19,197,043
1876.....	15,610,723	1906.....	19,860,000
1877.....	16,501,268		

Total product in 59 years.....\$1,453,913,315

SILVER

The production of Silver in California for a series of years past is as follows:

Year	Production	Year	Production
1887.....	\$1,632,003	1897.....	\$ 452,789
1888.....	1,700,000	1898.....	414,055
1889.....	754,793	1899.....	504,012
1890.....	1,060,613	1900.....	1,510,344
1891.....	953,157	1901.....	1,229,356
1892.....	463,602	1902.....	616,412
1893.....	537,157	1903.....	517,444
1894.....	297,332	1904.....	873,525
1895.....	599,789	1905.....	925,000
1896.....	422,464	1906.....	900,000

MINERAL PRODUCTS

The output of precious metals and minerals in California and in each County of the State during 1905 and the three preceding years, was as follows:

COUNTIES	1905 Value	1904 Value	1903 Value	1902 Value
Alameda.....	\$ 662,687	\$ 514,413	\$ 530,207	\$ 666,838
Alpine.....	575	4,972	2,847	14,129
Amador.....	2,490,755	2,085,806	1,639,819	1,679,113
Butte.....	2,621,104	1,941,386	1,581,325	926,251
Calaveras.....	2,415,627	2,275,554	2,270,668	2,371,013
Colusa.....	289,454	347,807	420,468	194,500
Contra Costa.....	197,493	129,914	62,500	55,141
Del Norte.....	10,612	7,417	7,183	5,450
El Dorado.....	467,566	532,231	284,304	381,578
Fresno.....	2,734,164	1,570,847	848,628	670,058
Humboldt.....	53,628	83,551	49,316	79,555
Inyo.....	222,596	169,918	139,563	184,414
Kern.....	4,912,095	5,319,630	4,957,602	3,481,926
Kings.....	33,000	23,300	24,200	19,000
Lake.....	271,437	330,719	294,018	288,231
Lassen.....	136,860	118,508	92,305	23,654
Los Angeles.....	2,234,354	2,529,694	2,549,128	1,697,932
Madera.....	183,987	178,974	489,525	121,151
Marin.....	207,835	302,995	218,427	206,600
Mariposa.....	393,592	434,076	552,516	647,298
Mendocino.....	24,510	15,195	20,580	9,898
Merced.....	3,500	1,135	780	1,656
Mono.....	320,124	272,735	360,024	549,298
Monterey.....	23,121	43,041	51,436	39,253
Napa.....	261,910	308,433	896,848	410,968
Nevada.....	3,214,828	3,145,254	2,466,044	2,155,839
Orange.....	738,264	1,153,742	1,029,435	824,742
Placer.....	798,644	1,004,098	800,985	1,018,487
Plumas.....	284,497	270,903	424,894	381,203
Riverside.....	558,369	583,386	446,449	334,622
Sacramento.....	881,852	515,123	506,796	555,138
San Benito.....	360,145	332,972	367,851	328,231
San Bernardino.....	820,026	922,034	1,516,618	3,308,002
San Diego.....	231,945	727,540	663,315	562,730
San Francisco.....	456,042	700,131	802,786	395,100
San Joaquin.....	146,915	92,635	44,489	70,598
San Luis Obispo.....	189,592	259,246	257,416	200,391
San Mateo.....	203,936	238,802	252,500	330,745
Santa Barbara.....	1,601,217	791,611	384,688	315,550
Santa Clara.....	470,130	365,044	670,159	471,122
Santa Cruz.....	296,349	309,700	254,247	205,296
Shasta.....	2,579,014	4,898,033	3,201,680	3,730,049
Sierra.....	520,990	375,985	311,246	332,466
Siskiyou.....	806,877	943,936	663,598	1,094,745
Solano.....	201,091	30,193	404,614	170,140
Sonoma.....	318,871	187,176	195,369	198,803
Stanislaus.....	52,365	52,816	70,605	19,026
Tehama.....	9,000	3,500	7,000	3,500
Trinity.....	708,255	579,088	621,244	731,261
Tulare.....	32,313	36,200	41,175	62,398
Tuolumne.....	1,389,774	1,615,320	1,791,056	1,830,329
Ventura.....	345,093	546,837	714,766	483,986
Yolo.....	200	720	144	450
Yuba.....	325,384	143,278	125,871	155,632
Unapportioned.....	3,354,663	3,410,794	377,783	73,619
Totals	\$43,069,227	\$43,778,348	\$37,759,040	\$35,069,105

Copper			Borax		
Year	Pounds	Value	Year	Pounds	Value
1887.....	1,600,000	\$ 192,000	1887.....	2,029,380	\$ 116,689
1888.....	1,570,021	235,303	1888.....	2,809,088	196,636
1889.....	151,505	18,180	1889.....	1,939,650	145,473
1890.....	23,347	3,502	1890.....	6,402,034	480,152
1891.....	3,397,455	424,675	1891.....	8,533,337	640,000
1892.....	2,960,944	342,808	1892.....	11,050,495	838,787
1893.....	239,682	21,571	1893.....	7,910,563	593,292
1894.....	738,594	72,486	1894.....	11,540,099	807,807
1895.....	225,650	21,901	1895.....	11,918,000	595,900
1896.....	1,992,844	199,519	1896.....	13,508,000	675,400
1897.....	13,638,626	1,540,666	1897.....	16,000,000	1,080,000
1898.....	21,543,229	2,475,168	1898.....	16,600,000	1,153,000
1899.....	23,915,486	3,990,534	1899.....	40,714,000	1,139,882
1900.....	29,515,512	4,748,242	1900.....	51,674,000	1,013,251
1901.....	34,931,788	5,501,782	1901.....	14,442,000	982,380
1902.....	27,860,162	3,239,975	1902.....	34,404,000	2,234,994
1903.....	19,113,861	2,520,997	1903.....	68,860,000	661,400
1904.....	29,974,154	3,969,995	1904.....	91,294,000	698,810
1905.....	16,997,489	2,650,605	1905.....	97,068,000	1,019,158

Asphalt			Bituminous Rock		
Year	Tons	Value	Year	Tons	Value
1887.....	4,000	\$ 16,000	1887.....	36,000	\$ 160,000
1888.....	3,100	39,500	1888.....	50,000	257,000
1889.....	3,000	30,000	1889.....	40,000	170,000
1890.....	3,000	30,000	1890.....	40,000	160,000
1891.....	4,000	40,000	1891.....	39,962	154,164
1892.....	7,550	75,500	1892.....	24,000	72,000
1893.....	9,150	161,250	1893.....	32,000	192,036
1894.....	11,698	233,800	1894.....	31,214	115,193
1895.....	25,525	170,500	1895.....	38,921	121,586
1896.....	20,914	362,590	1896.....	49,456	122,500
1897.....	22,697	404,350	1897.....	45,470	128,173
1898.....	25,690	482,175	1898.....	46,836	137,575
1899.....	15,060	308,130	1899.....	40,321	116,097
1900.....	12,575	253,950	1900.....	25,306	71,495
1901.....	21,634	313,219	1901.....	24,052	66,354
1902.....	34,511	349,344	1902.....	33,490	43,411
1903.....	41,670	503,659	1903.....	21,944	53,106
1904.....	56,187	672,910	1904.....	45,280	175,680
1905.....	40,304	285,290	1905.....	24,753	60,436

Salt			Coal		
Year	Tons	Value	Year	Tons	Value
1887.....	28,000	\$112,000	1887.....	50,000	\$150,000
1888.....	30,800	92,400	1888.....	95,000	380,000
1889.....	21,000	63,000	1889.....	121,280	288,232
1890.....	8,729	57,085	1890.....	110,711	283,019
1891.....	26,094	90,303	1891.....	93,301	204,902
1892.....	23,570	104,788	1892.....	85,178	209,711
1893.....	50,500	213,000	1893.....	72,603	167,555
1894.....	49,131	140,087	1894.....	59,887	139,862
1895.....	53,031	150,576	1895.....	79,858	193,790
1896.....	64,743	153,244	1896.....	70,649	161,335
1897.....	67,851	157,520	1897.....	87,449	196,255
1898.....	93,421	170,855	1898.....	143,045	337,475
1899.....	82,654	149,588	1899.....	160,941	420,109
1900.....	89,338	204,754	1900.....	176,956	535,531
1901.....	126,218	366,376	1901.....	150,724	401,772
1902.....	115,208	205,876	1902.....	88,460	248,622
1903.....	102,895	211,365	1903.....	93,026	265,383
1904.....	95,968	187,300	1904.....	79,062	376,494
1905.....	77,118	141,925	1905.....	46,500	144,500

Clay (Pottery)			Gypsum		
Year	Tons	Value	Year	Tons	Value
1887.....	75,000	\$37,500	1887.....	2,700	\$27,000
1888.....	75,000	37,500	1888.....	2,500	25,000
1889.....	75,000	37,500	1889.....	3,000	30,000
1890.....	100,000	50,000	1890.....	3,000	30,000
1891.....	100,000	50,000	1891.....	2,000	20,000
1892.....	100,000	50,000	1892.....	2,000	20,000
1893.....	24,856	67,284	1893.....	1,620	14,280
1894.....	28,475	35,073	1894.....	2,446	24,584
1895.....	37,660	39,685	1895.....	5,158	51,014
1896.....	41,907	62,900	1896.....	1,310	12,580
1897.....	24,592	30,290	1897.....	2,200	19,250
1898.....	28,947	33,747	1898.....	3,100	23,600
1899.....	40,600	42,700	1899.....	3,663	14,950
1900.....	59,636	60,956	1900.....	2,522	10,088
1901.....	55,679	39,144	1901.....	3,875	38,750
1902.....	67,933	74,163	1902.....	10,200	53,500
1903.....	90,972	99,907	1903.....	6,914	46,441
1904.....	84,149	81,952	1904.....	8,350	56,592
1905.....	133,805	130,146	1905.....	12,880	54,500

Lead			Lime	
Year	Tons	Value	Year	Value
1887.....	580	\$52,200	1887.....	\$368,750
1888.....	450	38,250	1888.....	381,750
1889.....	470	35,720	1889.....	416,780
1890.....	400	36,000	1890.....	350,000
1891.....	570	49,020	1891.....	300,000
1892.....	680	54,400	1892.....	300,000
1893.....	333	24,975	1893.....	301,276
1894.....	475	28,500	1894.....	337,975
1895.....	796	49,364	1895.....	457,784
1896.....	646	38,805	1896.....	332,617
1897.....	298	20,264	1897.....	291,456
1898.....	328	23,907	1898.....	278,558
1899.....	360	30,642	1899.....	343,760
1900.....	520	41,600	1900.....	315,231
1901.....	360	28,820	1901.....	434,133
1902.....	175	12,230	1902.....	460,140
1903.....	55	3,960	1903.....	592,268
1904.....	62	5,270	1904.....	658,956
1905.....	266	25,083	1905.....	878,647

Granite		All Minerals	
Year	Value	Year	Total Value
1887.....	\$ 150,000	1887.....	\$19,785,868
1888.....	57,000	1888.....	19,469,320
1889.....	1,329,018	1889.....	16,681,731
1890.....	1,200,000	1890.....	18,039,666
1891.....	1,300,000	1891.....	18,872,413
1892.....	1,000,000	1892.....	18,300,168
1893.....	531,322	1893.....	18,811,261
1894.....	228,816	1894.....	20,203,294
1895.....	224,329	1895.....	22,844,663
1896.....	201,004	1896.....	24,291,398
1897.....	188,024	1897.....	25,142,441
1898.....	147,732	1898.....	27,289,079
1899.....	141,070	1899.....	29,313,460
1900.....	295,772	1900.....	32,622,945
1901.....	519,285	1901.....	34,355,981
1902.....	255,239	1902.....	35,069,105
1903.....	678,670	1903.....	37,759,040
1904.....	467,472	1904.....	43,778,348
1905.....	353,837	1905.....	43,069,227

RECEIPTS OF LEADING PRODUCTS

The following shows the monthly receipts at San Francisco from California, Oregon and Washington during 1905:

MONTHS	FLOUR, barrels		WHEAT, centals		BARLEY, centals		OATS, centals		HOPS, bales	
	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.
January	43,858	26,119	190,108	55,567	379,853		10,640	43,987	3,532	15
February	37,216	41,169	76,277	49,017	130,784		6,522	10,676	1,942	
March	48,142	39,361	88,151	41,569	311,088		28,949	63,320	1,081	
April	53,391	31,112	57,694	72,182	139,680		4,098	1,293	812	
May	66,346	31,625	78,045	72,393	149,017	28,061	7,439	444	233	
June	61,927	35,422	41,884	120,299	194,070	9,697	42,522	9,082	638	
July	56,157	25,402	34,836	202,056	222,757		44,315	956	293	
August	59,712	31,904	65,750	131,047	369,561	3,779	65,671		359	
September	64,923	29,113	61,760	459,999	717,427		64,602	14,778	4,861	
October	59,242	36,404	18,345	448,620	538,961	311	54,057	44,144	14,106	
November	36,219	34,845	33,962	601,791	181,275	2,192	51,438	30,906	8,237	
December	62,413	33,962	34,635	651,566	223,835	7,140	23,727	45,792	5,322	
Totals	649,546	396,438	781,447	2,906,106	3,558,308	51,180	403,980	265,438	41,416	15
1904	897,720	416,412	1,805,144	1,347,412	3,480,979	2,152	535,562	294,356	34,011	323
1903	1,000,778	306,199	3,132,300	1,082,933	4,517,456	123,677	217,798	218,858	29,430	229
1902	1,379,259	364,293	8,902,646	217,897	5,928,805	15,104	555,977	259,498	14,631	346
1901	1,325,093	349,914	9,864,255	9,360	5,943,032		570,600	233,402	8,913	22
1900	1,389,959	379,584	7,625,002	170,157	3,840,121	529	502,620	210,742	8,493	1,895
1899	1,178,094	363,903	3,457,173	291,803	4,230,114	87,079	449,521	241,435	8,015	782
1898	936,265	383,288	3,602,514	1,405,447	1,407,976	680,951	216,290	572,616	12,511	236
1897	970,805	330,532	8,921,191	696,515	4,457,720	4,127	240,945	284,655	7,862	233
1896	1,277,158	318,704	11,936,571	587,638	4,902,803	31,674	237,475	449,989	9,069	1,041

PRODUCE RECEIPTS

The receipts of the leading commodities of produce at San Francisco, from all sources during 1905, and the totals for a series of years makes the following showing:

1905	Flour. qu. sks.	Wheat, ctls.	Barley, ctls.	Oats, ctls.	Beans, sks.	Corn, ctls.	Rye, ctls.	Potatoes sks.	Onions sks.	Bran, sks.	Midd- lings, sks.	Hay, Tons	Hops, Bales	Musd. sks.	Flax- seed, sks.	Wool, bales
January.....	279,905	247,075	379,853	58,075	45,655	21,154	2,907	152,003	9,891	41,139	11,761	15,924	3,547	89	12,614	876
February.....	314,542	125,924	132,734	17,198	61,911	16,650	4,051	102,763	7,774	17,550	7,643	13,513	1,942	20	791	222
March.....	350,008	129,720	311,990	105,239	52,012	19,493	2,408	115,792	14,100	15,303	15,654	12,631	1,091	210	280	4,195
April.....	338,008	129,876	142,270	5,841	24,929	54,590	5,236	85,321	6,988	38,825	10,515	10,738	812	449	.....	20,953
May.....	391,885	150,978	177,078	7,883	26,274	38,800	3,566	66,042	19,024	26,624	10,032	10,512	233	26	.....	10,196
June.....	389,396	162,183	203,767	53,873	27,315	60,883	3,054	99,491	17,951	42,199	13,676	11,313	638	.....	.....	6,323
July.....	326,238	238,122	222,757	45,271	19,974	6,606	3,943	103,825	21,440	42,575	7,540	21,314	283	71	29	3,727
August.....	367,464	205,697	373,340	65,671	15,062	6,861	7,193	108,846	33,056	29,243	12,464	24,534	359	.....	.....	4,631
September.....	376,147	527,199	717,427	79,380	51,591	2,837	3,732	118,918	21,526	47,590	12,907	20,590	4,861	637	.....	4,267
October.....	382,584	466,965	539,272	98,201	302,557	13,661	2,669	140,500	24,913	115,123	14,679	15,419	14,106	336	3,854	9,081
November.....	248,255	639,253	186,117	82,904	195,578	9,831	4,949	152,539	13,845	83,215	18,557	12,632	8,237	622	2,721	4,104
December.....	385,503	697,002	231,975	69,519	65,811	19,980	2,739	139,791	11,535	140,007	8,803	12,851	5,322	491	5,684	1,014
Totals, 1905...	4,149,925	3,719,994	3,618,580	689,055	888,669	271,466	46,447	1,385,861	202,043	639,393	143,631	181,971	41,431	2,951	25,973	69,589
Totals, 1904...	5,182,362	3,161,106	3,483,131	832,110	637,947	205,471	64,906	1,357,375	154,225	556,887	128,498	176,403	34,334	3,887	39,257	78,838
Totals, 1903...	5,467,909	3,889,977	5,251,997	806,714	648,271	163,738	46,784	1,314,054	176,923	584,759	159,768	181,491	29,656	4,366	86,616	66,008
Totals, 1902...	6,974,214	9,120,543	5,943,909	819,115	756,320	148,604	361,585	1,301,706	224,222	619,584	217,316	155,024	14,023	4,210	97,179	71,760
Totals, 1901...	6,700,029	9,874,615	5,943,035	837,221	623,114	107,852	200,668	1,480,440	212,034	578,766	50,561	149,874	8,935	9,440	65,730	78,985
Totals, 1900...	7,066,351	8,565,190	3,702,625	726,386	543,691	176,548	111,305	1,466,877	182,331	701,220	151,363	161,163	10,077	9,773	65,826	46,607
Totals, 1899...	6,024,642	3,778,654	4,233,694	698,887	404,151	190,404	103,740	1,148,919	194,184	580,434	140,591	148,961	8,540	20,424	37,849	89,421
Totals, 1898...	5,253,977	4,969,680	2,076,921	780,559	450,082	208,467	43,306	1,203,601	177,991	672,253	128,445	128,983	13,033	4,718	23,017	58,675
Totals, 1897...	5,200,910	9,647,248	4,527,187	536,353	586,800	541,530	110,335	1,114,463	130,586	555,808	124,127	147,410	7,394	16,887	17,879	100,097
Totals, 1896...	6,197,625	12,641,706	5,102,014	689,222	566,565	257,871	214,807	1,115,788	152,083	607,459	138,331	141,663	9,887	38,342	41,183	76,083
Totals, 1895...	5,203,094	12,255,849	2,798,638	630,805	562,086	212,166	44,180	1,079,000	140,305	520,853	.....	142,788	11,932	58,782	96,672	95,814
Totals, 1894...	4,511,217	8,766,242	2,076,920	687,152	509,720	324,032	42,601	1,168,479	.....	.....	.....	142,927	11,057	54,211	37,186	102,144
Totals, 1893...	4,481,950	12,667,224	4,237,893	606,584	515,226	330,149	73,600	1,313,270	.....	.....	.....	127,653	10,229	59,648	11,497	89,672
Totals, 1892...	5,332,405	10,435,610	2,746,878	583,398	648,009	262,042	72,999	1,259,151	.....	.....	.....	123,810	7,650	28,307	51,894	96,330
Totals, 1891...	5,862,348	18,183,133	2,710,538	595,782	402,076	369,904	139,336	1,274,607	.....	.....	.....	126,540	9,413	24,851	69,011	86,352
Totals, 1890...	5,917,700	14,209,226	1,851,346	532,332	420,565	367,690	146,967	1,355,418	.....	.....	.....	132,042	10,154	29,412	56,155	101,490
Totals, 1889...	5,597,109	13,216,621	2,255,560	586,484	368,165	213,712	51,273	1,351,897	.....	.....	.....	124,264	14,149	27,941	72,203	109,746
Totals, 1888...	4,354,420	12,917,228	2,792,631	609,529	269,657	221,008	28,543	1,239,430	.....	.....	.....	127,701	17,952	26,108	95,905	105,338
Totals, 1887...	3,600,345	9,602,631	2,055,366	414,812	423,530	281,600	32,277	961,200	.....	.....	.....	117,360	.....	37,734	58,193	110,769
Totals, 1886...	4,885,772	16,527,563	2,184,560	508,717	361,350	218,100	26,275	1,079,543	.....	.....	.....	99,442	.....	43,828	88,704	114,098

RECEIPTS OF LEADING PRODUCTS

The following tabulation shows the monthly receipts at San Francisco from California, Oregon and Washington during 1906:

Months	Flour, Barrels		Wheat, Cents		Barley, Cents		Oats, Cents		Hops, Bales	
	California	Oregon, etc.	California	Oregon, etc.	California	Oregon, etc.	California	Oregon, etc.	California	Oregon, etc.
January	172,301	209,634	95,291	296,471	145,287	55	29,650	26,350	4,076	
February	186,151	137,308	99,673	209,502	122,649	170	21,589	16,927	2,468	
March	125,412	118,598	48,225	111,710	225,754		29,350	5,685	2,678	
April										
May										
June	125,625	52,046	50,890	25,369	138,800		8,616	4,335	1,690	
July	163,238	92,423	4,092	56,991	111,376		37,874	2,922	442	
August	246,289	144,981	39,337	75,922	252,378		29,463	7,948	650	148
September	201,309	141,331	51,358	12,298	452,466	7,865	40,958	4,227	1,199	
October	206,796	106,192	79,888	32,809	711,454		70,910	17,642	1,310	
November	190,941	204,597	41,411	72,302	862,910	4,507	50,027	18,234	720	
December	165,572	157,055	74,738	17,615	439,511		48,214	32,321	2,357	
Totals	1,783,634	1,364,165	584,903	910,989	3,462,585	12,597	366,651	137,591	17,590	148

The receipts of the leading commodities of produce at San Francisco from all sources during 1906 by months were as follows:

Month 1906	Flour, qu. sks.	Wheat, ctls.	Barley, ctls.	Oats, ctls.	Beans, sks.	Corn, ctls.	Rye, ctls.	Potatoes, sks.	Onions, sks.	Bran, sks.	Mid- lings, sks.	Hay, tons	Hops, bales	Must'd sks.	Flax- seed, sks.	Wool, bales
January	172,301	95,291	145,287	29,650	22,564	867	3,819	156,175	11,655	79,846	12,798	12,782	547	547		914
February	186,151	99,673	122,649	21,589	36,928	5,819	3,612	114,937	9,837	68,129	9,578	15,130	2,468			670
March	125,412	48,225	225,754	29,350	23,752	1,917	3,334	104,986	18,448	59,013	8,826	15,474	2,678		600	3,124
April	182,675	64,754	73,054	17,232	13,653	3,434	1,236	54,651	6,821	10,602	117	8,153	931			2,994
May	95,428	9,509	38,071	9,071	2,547	1,322	407	13,201	3,549	3,088	1,638	3,410	1,859			390
June	125,625	50,890	138,800	8,616	14,169	1,529	780	74,344	10,700	26,762	9,989	14,602	1,690			1,736
July	163,238	4,092	111,376	37,874	18,072	2,018	507	56,145	12,456	64,686	6,731	17,274	442			1,885
August	246,289	39,337	252,378	29,463	27,524	1,698	1,515	67,996	24,567	144,901	11,070	19,308	650		351	1,547
September	201,309	51,358	452,466	40,958	14,657	1,563	1,683	86,219	17,746	50,838	9,489	20,471	1,199	29	250	1,145
October	206,796	79,888	711,454	70,910	140,085	5,328	2,148	103,185	30,682	96,273	10,943	17,413	1,310			1,437
November	190,941	41,411	862,910	50,027	172,017	4,347	135	102,101	19,944	67,055	15,205	16,682	720	139		2,720
December	165,572	74,738	439,511	48,214	54,260	3,916	865	7,158	11,359	29,045	9,407	13,350	2,357			2,143
Totals	2,061,737	649,166	3,653,710	392,954	548,228	33,758	20,021	1,031,098	177,764	700,238	105,791	174,049	16,851	715	1,765	20,715

NAVAL CONSTRUCTION.

The following is a complete list of warships built for the United States Navy by the Union Iron Works at San Francisco.

NAME	Displace- ment Tons	Type	Horse power	Speed Knots	Launched
Charleston*	4,040	Protected Cruiser.....	6,660	18.20	July 19, 1888
San Francisco.....	4,088	Protected Cruiser.....	10,604	20.17	Oct. 26, 1889
Monterey.....	4,350	Armored Monitor	5,810	16	April 28, 1891
Olympia.....	5,870	Protected Cruiser.....	17,313	21.68	Nov. 5, 1892
Oregon	10,500	Armored Battleship	12,000	16	Oct. 26, 1893
Marietta.....	1,000	Gunboat.....	1,040	12	March 18, 1897
Wheeling	1,000	Gunboat.....	1,003	12	March 18, 1897
Farragut	240	Torpede Boat.....	5,600	30.60	July 16, 1898
Wisconsin.....	11,500	Armored Battleship.....	12,766	18.54	Nov. 26, 1898
Wyoming.....	2,700	Harbor Defense Monitor...	2,900	12.70	Sept. 8, 1900
Perry	420	Torpedo Boat Destroyer....	8,000	29	Oct. 27, 1900
Preble.....	420	Torpedo Boat Destroyer....	8,000	29	March 2, 1901
Ohio	12,440	Armored Battleship.....	14,600	18	May 18, 1901
Paul Jones.....	420	Torpedo Boat Destroyer....	7,840	28.90	June 14, 1902
Grampus.....	120	Submarine Boat.....	70	8.50	July 31, 1902
Pike.....	120	Submarine Boat.....	70	8.50	Jan. 14, 1903
Tacoma.....	3,500	Protected Cruiser.....	4,500	16.50	June 2, 1903
California.....	13,800	Armored Cruiser.....	23,000	22	April 28, 1904
South Dakota.....	13,400	Armored Cruiser.....	23,000	22	July 21, 1904
Milwaukee.....	9,700	Protected Cruiser.....	21,000	22	Sept. 10, 1904

*Lost, November 7, 1899, on the north coast of Luzon, Philippine Islands.

SHIPBUILDING SUMMARY.

The following is a classified list of new vessels built on the Pacific Coast and documented at San Francisco for a series of years past.

YEAR	VESSELS		Total Vessels	TONNAGE	
	Steam	Sail		Gross	Net
1887.....	23	31	54	17,629	13,908
1888.....	31	27	58	21,921	17,360
1889.....	28	18	46	8,544	7,091
1890.....	16	29	45	12,063	10,175
1891.....	9	35	44	8,939	8,585
1892.....	23	54	79	9,885	8,915
1893.....	6	15	21	2,897	2,394
1894.....	3	14	17	2,577	2,095
1895.....	6	16	22	1,584	1,350
1896.....	7	8	15	3,393	2,384
1897.....	4	6	10	931	705
1898.....	39	8	47	17,337	10,532
1899.....	13	7	20	6,675	5,701
1900.....	33	18	51	29,221	22,779
1901.....	25	16	41	11,519	9,669
1902.....	21	21	42	26,226	20,095
1903.....	21	4	25	21,025	14,210
1904.....	18	6	24	8,239	5,429
1905.....	19	3	22	9,030	7,375
1906.....	14	2	16	7,208	4,719

SHIPBUILDING IN 1906

List of the new vessels built on the Pacific Coast during the year 1906 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Steamer	Benicia.....	John Haug	Richmond.....	347	212
Steamer	Tiverton.....	.....	Hoquiam, Wash....	557	336
Steamer	Thos. L. Wand ..	.....	Aberdeen, Wash....	657	413
Steamer	Yosemite	H. D. Bendixsen ..	Fairhaven, Cal.....	827	525
Schooner	Washcalore.....	.....	Marshfield, Or.....	315	303
Steamer	Tamalpais.....	.....	Hoquiam, Wash....	574	422
Steamer	Sonoma Valley...	A. H. Schultze.....	San Francisco.....	37	29
Steamer	Quinault.....	.....	Aberdeen, Wash....	582	426
Steamer	Svea.....	.....	Fairhaven, Cal.....	618	370
Steamer	Jim Butler.....	.....	Aberdeen, Wash....	642	343
Schooner	Edith.....	E. Munder.....	San Francisco.....	135	119
Steamer	Casco.....	.....	Marshfield, Or.....	569	359
Steamer	Carmel .....	.....	Aberdeen, Wash....	633	401
Steamer	Hoquiam .....	.....	Fairhaven Cal.....	644	440
Steamer	Jupiter	Charles Smith.....	Sacramento	14	9
Steamer	Princess	W. D. Nutz	Vallejo, Cal.....	17	12
Totals	.....	.....	.....	7,208	4,719

SHIPBUILDING IN 1905

List of the new vessels built on the Pacific Coast during the year 1905 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Steamer..	Oriole.....	L. H. Brainard	Sacramento.....	68	59
Steamer..	San Francisco	John W. Dickie.....	Alameda.....	1,070	727
Steamer..	Sea Lark.....	Christie Mach. Wks	San Francisco.....	69	35
Schooner	Olga F.....	Wm. Munder & Sons	San Francisco.....	64	51
Steamer..	Car Float No. 2...	Wm. McKenzie.....	Oakland.....	1,374	1,374
Steamer..	Sea Foam.....		Aberdeen, Wash.....	339	205
Steamer..	Frances.....	Chas. T. Foster.....	San Francisco.....	698	542
Steamer..	Champion.....	California Nav. Co.	Stockton.....	477	431
Steamer..	Anvil	W. F. Stone.....	San Francisco.....	363	276
Schooner	Matilda	E. Munder.....	San Francisco.....	102	92
Steames ..	Sotoyome.....	Andrew Peterson...	Albion, Cal.....	534	398
Steamer..	Iolanda	S. O. Pasquinnucci...	San Francisco.....	53	31
Steamer..	Wasp		Fairhaven, Cal.....	563	360
Steamer..	Oakland		Marshfield, Cal.....	146	117
Steamer..	Daisy Mitchell.....		Fairhaven, Cal.....	612	395
Steamer..	Newtown No. 2...	W. D. Delaney.....	Benicia.....	217	185
Bark.....	Mauga Reva.....		Alameda.....	2,214	2,052
Steamer..	Union Flag.....	J. C. Beetle	Alameda.....	10	7
Steamer..	Independent.....	W. D. Nutz	Vallejo	14	10
Steamer..	Smith's.....	J. C. Beetle	Alameda.....	17	11
Steamer..	Amazon	S. O. Pasquinnucci...	San Francisco.....	15	10
Steamer..	Ryer Island	Wm. Cryer.....	San Francisco.....	11	7
Totals ..				9,030	7,375

SHIPBUILDING IN 1904

List of the new vessels built on the Pacific Coast during the year 1904 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Schooner	Erma.....	W.E.Munder&Sons	San Francisco.....	94	79
Steamer	Like Like.....	Union Iron Works.	San Francisco.....	374	214
Steamer	Expansion.....	W. A. Boole & Son..	Oakland.....	135	91
Steamer	Bee.....		Aberdeen, Wash.....	601	369
Steamer	F. A. Kilburn.....	H. D. Bendixsen....	Fairhaven, Cal.....	728	458
Steamer	Nushagak.....	United Eng. Works	Alameda.....	739	478
Schooner	Adele Hobson.....	W.E.Munder&Sons	San Francisco.....	71	60
Steamer	Cabrillo.....	Wm. Moller.....	San Pedro.....	611	387
Sloop	Red Rock.....	H. P. Anderson.....	San Francisco.....	177	150
Schooner	Mono.....	H. P. Anderson.....	San Francisco.....	142	126
Steamer	Northland.....		Fairhaven, Cal.....	845	560
Steamer	Norwood.....	Hall Bros.....	Winslow, Wash.....	760	492
Steamer	Arabs.....	W. F. Stone.....	San Francisco.....	155	91
Steamer	Vanguard.....	John W. Dickie.....	Alameda.....	358	228
Schooner	Ensign.....		Everett, Wash.....	618	522
Steamer	Helen P. Drew.....		Hoquiam, Wash.....	286	178
Steamer	Cascade.....		Eureka.....	515	339
Steamer	Harold Dollar.....		Fairhaven, Cal.....	915	607
Sloop	Christina B.....		San Francisco.....	9	6
Steamer	George R. Bailey.	J. C. Beetle.....	Alameda.....	26	16
Steamer	Kami-hak.....	United Eng. Works	Alameda.....	21	8
Steamer	Ukamuk.....	United Eng. Works	Alameda.....	24	10
Steamer	Elsie.....	H. P. Anderson.....	San Francisco.....	23	13
Steamer	Century.....	Geo. H. Hanson.....	Sobranite.....	10	7
Totals..				8,239	5,429

SHIPBUILDING IN 1903

List of the new vessels built on the Pacific Coast during the year that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	No. Tons
Steamer ..	Hercules.....	H. Anderson.....	San Francisco.....	20.89	
Steamer ..	Pedro Costa	W. F. Stone & Co....	San Francisco.....	51.57	
Steamer ..	Laguinitas.....	W. A. Boole & Son..	Oakland.....	767.98	
Schooner	Annie E. Smale...		Marshfield, Or.....	845.41	
Steamer ..	Rita Newman	W. A. Boole & Son..	Oakland.....	182.36	
Steamer ..	Whittier.....	Union Iron Works.	San Francisco.....	1,295.57	
Steamer ..	Ada Warren.....	R. W. Schultze.....	San Francisco.....	45.81	
Steamer ..	Cazadero	John W. Dickie.....	Alameda.....	1,682.69	
Steamer ..	Ramona.....	Risdon Iron Works	Alameda.....	575.85	
Steamer ..	Fran's H. Leggett	Newport News Co..	Newport News, Va..	1,606.65	
Steamer ..	Gretta A.....	M. J. Nunes.....	Freeport.....	53.33	
Steamer ..	San Gabriel.....	United Eng. Works	Alameda.....	484.99	
Steamer ..	San Jose	John W. Dickie.....	Alameda.....	1,115.46	
Steamer ..	Yerba Buena	John W. Dickie.....	Alameda.....	1,115.46	
Steamer ..	Pilot	W. J. Campbell.....	San Francisco.....	88.10	
Schooner	Sausalito	W. F. Stone & Co..	San Francisco.....	367.26	
Steamer ..	Brunswick.....	Rebuilt	Alameda.....	512.01	
Steamer ..	Topo.....	Hay & Wright.....	Alameda.....	229.67	
Steamer ..	Dauntless.....	Risdon Iron Works	San Francisco.....	269.90	
Schooner	Ellen	E. Munder.....	San Francisco.....	84.15	
Steamer ..	Pomo.....		Fairhaven, Cal.....	368.41	
Steamer ..	Elizabeth.....	W. F. Stone & Co..	San Francisco.....	363.44	
Steamer ..	Arizonian	Union Iron Works.	San Francisco.....	8,671.60	
Schooner	Slafiafi.....	M. Turner.....	Benicia	38.77	
Steamer ..	Chinega.....	United Eng. Works	San Francisco.....	180.01	
Totals..				21,025.34	1

PACIFIC COAST TRADE

The foreign trade of the Pacific Coast ports as shown by Custom House statistics during 1906 and for the five preceding years is as follows:

EXPORTS

DISTRICT	1901	1902	1903	1904	1905	1906
Alaska.....	\$ 2,830,296	\$ 1,573,537	\$ 1,614,378	\$ 1,168,848	\$ 1,005,508	\$ 1,504,775
Hawaii.....	92,410	41,968	38,897	51,207	60,621	99,972
Humboldt, Cal.....	233,154	409,803	673,877	190,321	409,468	707,072
Los Angeles, Cal.....	110	237	733	506	.....	12,105
Oregon.....	167,034	155,517	43,843	9,100	57,157	73,475
Puget Sound, Wash...	26,810,563	34,856,859	27,450,507	26,898,423	56,280,017	42,763,920
San Diego, Cal.....	1,053,394	159,832	314,616	163,352	415,693	564,794
San Francisco, Cal...	37,690,908	37,897,793	32,711,195	39,022,220	47,718,011	33,861,374
Southern Oregon.....	7,784	20,364	9,277	21,032	9,359	15,435
Willamette, Or.....	11,927,476	11,524,391	9,965,904	7,098,286	10,107,740	8,413,527
Total	\$20,813,130	\$26,640,301	\$72,823,227	\$74,626,295	\$116,163,664	\$88,016,449

IMPORTS

DISTRICT	1901	1902	1903	1904	1905	1906
Alaska.....	\$ 532,786	\$ 498,227	\$ 526,834	\$ 1,260,856	\$1,076,701	\$ 1,004,047
Hawaii.....	3,081,949	2,981,473	3,643,699	3,562,408	2,576,065	3,831,352
Humboldt, Cal.....	1,908	2,264	8,201	65	6,083	26
Los Angeles, Cal.....	862,555	653,146	1,382,302	1,169,281	721,705	1,180,044
Oregon.....	5,394	3,715	20,598	38,702	31,747	21,766
Puget Sound, Wash...	9,212,206	12,722,765	12,133,230	8,607,158	10,646,848	21,123,160
San Diego, Cal.....	564,841	355,825	433,835	360,888	346,508	539,933
San Francisco, Cal...	37,267,279	36,078,270	36,552,187	43,410,005	44,240,984	49,139,378
Southern Oregon.....	.....	.....	.....	.....	5	.....
Willamette, Or.....	1,664,409	2,912,565	2,708,668	2,648,995	2,604,287	3,246,144
Total	\$53,193,327	\$56,208,250	\$57,409,554	\$61,058,358	\$62,250,933	\$80,185,850

AMERICAN COMMERCE

The foreign trade of the United States during 1906 and for a series of years preceding was as follows:

EXPORTS

YEARS	Atlantic ports	Gulf ports	Mexican border ports	Pacific ports	Northern border and Lake ports	Interior ports	Total
1893.....	\$642,798,894	\$131,272,337	\$10,257,106	\$38,935,502	\$ 52,844,942	.....	\$ 876,108,871
1894.....	616,964,745	120,071,849	7,842,214	31,901,916	48,321,524	.....	825,102,248
1895.....	596,244,559	120,300,517	9,456,585	41,323,860	57,534,615	.....	824,860,136
1896.....	701,114,790	170,452,067	13,079,106	58,109,021	63,081,720	\$ 537	1,005,837,241
1897.....	772,210,869	181,028,211	12,503,778	63,757,679	70,208,508	.....	1,099,700,045
1898.....	892,299,004	202,213,778	13,755,997	61,077,150	85,916,958	283,379	1,255,546,266
1899.....	896,532,699	203,368,668	18,295,824	60,026,637	97,039,277	204,866	1,275,467,971
1900.....	1,007,331,868	269,602,629	23,952,224	71,063,247	105,399,653	596,492	1,477,946,113
1901.....	967,306,139	286,423,623	21,091,035	80,813,130	109,473,533	268,400	1,465,375,860
1902.....	876,668,535	257,117,589	26,312,984	86,640,301	113,966,370	156	1,360,705,833
1903.....	919,910,816	331,596,006	26,557,693	72,823,227	133,864,212	1,129	1,484,753,083
1904.....	892,750,549	314,457,643	27,668,849	74,626,295	141,815,404	.....	1,451,318,740
1905.....	978,357,051	341,156,675	29,347,821	116,163,664	161,963,715	1,869	1,626,990,795
1906.....	1,074,009,186	409,962,961	38,812,498	88,016,449	187,458,152	3,147	1,798,262,393

IMPORTS

YEARS	Atlantic ports	Gulf ports	Mexican border ports	Pacific ports	Northern border and Lake ports	Interior ports	Total
1893.....	\$642,017,157	\$23,828,271	\$11,690,959	\$42,438,310	\$48,742,000	\$ 7,532,227	\$776,248,924
1894.....	561,917,691	18,261,817	4,839,937	41,891,106	43,116,293	6,286,097	676,312,941
1895.....	666,525,645	18,240,986	3,508,967	46,280,572	58,640,532	8,472,645	801,669,347
1896.....	564,591,938	16,907,176	3,265,497	42,630,130	46,965,529	7,219,286	681,579,556
1897.....	616,303,353	17,756,220	4,357,113	50,965,808	46,733,790	6,478,947	742,595,229
1898.....	522,454,966	13,581,717	5,595,559	43,692,620	42,674,712	6,964,874	634,964,448
1899.....	654,472,800	20,073,280	4,866,232	57,779,603	53,695,939	8,079,556	798,967,410
1900.....	680,896,076	26,221,750	5,974,725	49,903,617	56,631,969	9,521,577	829,149,714
1901.....	707,303,987	29,824,241	13,610,845	53,193,327	64,798,449	11,689,061	880,419,910
1902.....	775,545,306	35,365,542	14,230,246	56,208,250	75,119,815	12,851,794	969,320,953
1903.....	788,606,027	39,027,149	12,112,383	57,409,554	83,393,381	14,945,833	995,494,327
1904.....	814,074,888	47,868,873	13,642,958	61,058,358	85,712,674	13,551,489	1,035,909,190
1905.....	941,329,365	51,202,642	15,823,742	62,250,933	93,371,105	15,166,763	1,179,144,550
1906.....	1,042,548,402	59,079,650	17,227,316	80,085,850	104,308,923	17,359,109	1,320,609,250

The destinations of shipments from the United States to foreign countries during 1906 and for a series of years preceding were as follows:

EXPORTS

YEARS	Europe	North America	South America	Asia and Oceania	Africa and other countries	Total
1893.....	\$ 679,616,353	\$125,283,901	\$34,322,834	\$31,038,953	\$ 5,846,740	\$ 876,108,781
1894.....	642,025,857	111,009,647	34,626,296	30,729,262	6,711,186	825,102,248
1895.....	634,386,087	114,225,264	34,171,572	33,073,633	9,003,580	824,860,136
1896.....	778,105,762	120,640,196	34,235,923	55,822,854	17,032,506	1,005,837,241
1897.....	858,049,510	129,468,932	33,506,140	62,005,036	16,679,427	1,099,709,045
1898.....	981,230,370	149,164,257	35,102,408	71,937,761	18,111,470	1,255,546,266
1899.....	959,202,820	168,854,567	37,421,700	91,386,490	18,602,394	1,275,467,971
1900.....	1,116,399,524	198,788,019	41,248,051	98,531,349	22,979,170	1,477,946,113
1901.....	1,099,574,016	199,239,040	42,553,758	94,356,953	29,652,093	1,465,375,860
1902.....	984,752,850	204,432,970	38,944,090	96,204,562	36,351,461	1,360,685,933
1903.....	1,087,059,843	227,321,198	46,357,644	92,798,927	31,215,471	1,484,753,083
1904.....	1,011,628,708	248,713,165	53,069,431	117,769,605	20,137,831	1,451,318,740
1905.....	1,093,966,597	280,064,740	66,400,108	168,083,041	18,476,309	1,626,990,795
1906.....	1,246,590,946	325,871,044	78,822,379	128,593,906	18,369,668	1,798,247,943

IMPORTS

YEARS	Europe	North America	South America	Asia and Oceania	Africa and other countries	Total
1893.....	\$392,161,248	\$170,874,163	\$103,540,680	\$102,706,126	\$ 6,966,707	\$ 776,248,924
1894.....	317,511,443	160,081,965	103,856,505	88,696,826	6,166,202	676,312,941
1895.....	431,539,496	138,923,253	117,406,577	105,252,034	8,547,987	801,669,347
1896.....	360,213,449	106,400,055	99,785,611	105,529,003	9,651,438	681,579,556
1897.....	407,970,332	101,762,584	103,412,125	119,884,603	9,535,585	742,595,229
1898.....	324,726,482	97,830,811	83,075,415	121,194,394	8,137,346	634,964,448
1899.....	402,512,977	123,464,933	91,728,862	169,526,002	11,740,636	798,967,410
1900.....	441,610,461	130,361,453	102,706,633	143,445,861	11,025,306	829,149,714
1901.....	454,496,214	158,731,376	120,384,181	135,907,052	10,901,087	880,419,910
1902.....	513,731,154	172,990,251	109,401,111	160,711,952	12,482,402	969,316,870
1903.....	527,889,226	182,014,342	113,260,952	161,470,681	10,859,126	995,494,327
1904.....	507,247,468	204,423,583	140,059,432	174,912,598	9,266,109	1,035,909,190
1905.....	580,486,797	241,825,119	144,990,099	198,830,950	13,011,585	1,179,144,550
1906.....	700,053,785	240,722,414	148,059,955	219,331,374	12,450,722	1,320,609,250

Classified, the annual foreign trade of the United States for a series of years past, as shown by Custom House reports, is as follows:

YEARS	IMPORTS			EXPORTS		
	Free of duty	Dutiable	Total	Domestic	Foreign	Total
1867.....	\$ 16,923,552	\$354,552,623	\$371,476,175	\$294,983,527	\$15,155,340	\$310,138,867
1868.....	18,404,354	349,602,218	368,006,572	269,844,993	11,476,475	281,321,468
1869.....	21,775,643	416,680,251	438,455,894	324,421,333	12,954,655	337,375,988
1870.....	21,189,105	439,942,953	461,132,058	387,780,302	15,805,708	403,586,010
1871.....	47,316,643	525,794,456	573,111,099	445,563,259	14,788,829	460,352,088
1872.....	94,094,635	561,870,064	655,964,699	452,143,553	16,694,395	468,837,948
1873.....	141,473,322	453,774,726	595,248,048	550,098,492	17,659,375	567,757,867
1874.....	159,076,057	403,039,850	562,115,907	553,929,342	25,943,211	569,872,553
1875.....	145,185,903	357,967,033	503,152,936	497,263,737	13,683,685	510,947,422
1876.....	128,031,139	299,316,026	427,347,165	575,735,804	14,930,825	590,666,629
1877.....	154,456,844	325,789,456	480,246,300	607,566,495	12,735,917	620,302,412
1878.....	139,443,607	292,368,876	431,812,483	723,286,821	13,805,252	737,092,073
1879.....	174,643,157	338,959,639	513,602,796	754,656,755	10,503,070	765,159,825
1880.....	206,583,345	490,223,831	696,807,176	875,564,075	14,119,347	889,683,422
1881.....	206,910,261	463,299,187	670,209,448	814,162,951	19,386,176	833,549,127
1882.....	214,036,390	538,807,117	752,843,507	749,911,309	18,070,637	767,981,946
1883.....	205,111,054	481,955,162	687,066,216	777,523,718	17,685,598	795,209,316
1884.....	203,321,386	425,940,474	629,261,860	733,768,764	15,597,466	749,366,230
1885.....	195,782,174	392,086,499	587,868,673	673,593,507	14,656,292	688,249,799
1886.....	219,887,787	443,541,402	663,429,189	699,519,430	13,884,591	713,404,021
1887.....	239,781,913	469,036,565	708,818,478	703,319,692	11,981,352	715,301,044
1888.....	248,590,235	476,821,136	725,411,371	679,597,477	12,163,573	691,761,050
1889.....	261,164,384	509,357,481	770,521,865	814,154,864	12,951,483	827,106,347
1890.....	288,528,328	534,869,398	823,397,726	845,999,603	11,502,945	857,502,548
1891.....	429,335,677	398,985,266	828,320,943	957,333,551	13,176,095	970,509,646
1892.....	446,978,931	393,952,024	840,930,955	923,237,315	15,183,345	938,420,660
1893.....	417,344,174	258,904,750	776,248,924	854,729,454	21,379,327	876,108,781
1894.....	383,371,933	292,941,008	676,312,941	807,312,116	17,790,132	825,102,248
1895.....	384,816,131	416,853,216	801,669,347	807,742,415	17,117,721	824,860,136
1896.....	322,952,457	358,627,099	681,579,556	986,830,080	19,007,161	1,005,837,241
1897.....	377,288,396	365,306,833	742,595,229	1,079,834,296	19,874,749	1,099,709,045
1898.....	268,384,173	366,580,275	634,964,448	1,233,558,140	21,988,126	1,255,546,266
1899.....	350,897,220	448,070,190	798,967,410	1,252,932,344	22,535,627	1,275,467,967
1900.....	342,288,761	486,860,953	829,149,714	1,453,010,112	24,936,001	1,477,946,115
1901.....	381,512,618	498,907,292	880,419,910	1,438,078,651	27,297,209	1,465,375,860
1902.....	408,640,299	560,676,571	969,316,870	1,333,268,491	27,417,442	1,360,685,932
1903.....	437,430,238	558,064,089	995,494,327	1,457,647,183	27,105,900	1,484,753,087
1904.....	490,616,703	545,292,487	1,035,909,190	1,425,711,233	25,607,507	1,451,318,740
1905.....	530,464,135	648,680,415	1,179,144,550	1,599,422,622	27,568,173	1,626,990,795
1906.....	591,795,702	728,813,548	1,320,609,250	1,772,720,530	25,527,413	1,798,247,963

RAINFALL IN SAN FRANCISCO

Compiled by U. S. Weather Bureau.

STATIONS.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 6 Mos.	Jan.	Feb.	Mar.	Apr.	May.	June.	Total 6 Mos.	Total Season.
1849-50				3.14	8.66	6.20	18.00	8.34	1.77	4.53	.46			15.10	33.10
1850-51			.33		.92	1.05	2.30	.72	.54	1.94	1.23	.67	.02	5.12	7.42
1851-52		.02	1.03	.21	2.21	7.10	10.57	.58	.14	6.68	.26	.32		7.98	18.55
1852-53				.80	5.31	13.20	19.31	3.92	1.42	4.86	5.37	.38		15.95	35.26
1853-54		.04	.46	.12	2.28	2.32	5.22	3.88	8.04	3.51	3.12	.02	.06	18.65	23.87
1854-55		.01	.15	2.43	.34	.87	3.80	3.67	4.77	4.64	5.00	1.88		19.06	23.76
1855-56					.67	5.76	6.43	9.40	.50	1.60	2.94	.76	.03	15.23	21.66
1856-57	.02		.07	.45	2.79	3.75	7.03	2.45	8.59	1.62		.02	.12	12.80	19.88
1857-58		.05		.93	3.01	4.14	8.13	4.36	1.83	5.55	1.55	.34	.05	13.68	21.81
1858-59	.05	.16		2.74	.69	6.14	9.78	1.28	6.32	3.02	.27	1.55		12.44	22.22
1859-60		.02	.03	.05	7.28	1.57	8.95	1.64	1.60	3.99	3.14	2.86	.09	13.32	22.27
1860-61	.21			.91	.58	6.16	7.86	2.47	3.72	4.08	.51	1.00	.08	11.83	19.72
1861-62			.02		4.10	9.54	13.66	24.36	7.53	2.20	.73	.74	.05	35.61	49.27
1862-63				.52	.15	2.35	3.02	3.63	3.19	2.06	1.61	.23		10.72	13.74
1863-64			.03		2.55	1.80	4.38	1.83		1.52	1.57	.78		5.70	10.08
1864-65		.21	.01	.13	6.68	8.91	15.94	5.14	1.34	.74	.94	.63		8.79	24.73
1865-66			.24	.26	4.19	.58	5.27	10.88	2.12	3.04	.12	1.46	.04	17.66	22.93
1866-67			.11		3.35	15.16	18.62	5.16	7.20	1.58	2.36			16.30	34.92
1867-68			.04	.20	3.41	10.69	14.34	9.50	6.13	6.30	2.31	.03	.23	24.50	38.84
1868-69				.15	1.18	4.84	5.67	6.35	3.90	3.14	2.19	.08	.02	15.68	21.35
1869-70			.12	1.29	1.19	4.81	6.91	3.89	4.78	2.00	1.53	.20		12.40	19.31
1870-71			.03		.43	3.38	3.84	3.07	3.76	1.05	1.89	.28	.01	10.01	13.85
1871-72		.02		.07	2.81	14.36	17.26	4.00	6.90	1.59	.81	.18	.04	13.52	30.78
1872-73	.01		.04	.11	2.79	5.95	8.90	1.58	3.94	.79	.43		.02	6.76	15.60
1873-74	.01	.08		.83	1.16	9.72	11.80	5.66	2.21	3.36	.90	.66	.14	12.93	24.73
1874-75			.02	2.69	6.55	.33	9.59	8.01	.32	1.30	.10	.22	1.02	10.97	20.56
1875-76				.24	7.27	4.15	11.66	7.55	4.92	5.49	1.29	.24	.04	19.53	31.19
1876-77	.01	.01	.38	3.36	.25		4.01	4.82	1.18	1.08	.26	.18	.01	7.03	11.04
1877-78	.02			.65	1.57	2.66	4.90	11.97	12.52	4.56	1.06	.16	.01	30.28	35.18
1878-79	.01	Tr	.55	1.27	.57	.58	2.98	3.52	4.90	8.75	1.89	2.35	.05	21.46	24.44
1879-80	.01	.02	Tr	.78	4.03	4.46	9.30	2.23	1.87	2.08	10.06	1.12		17.36	26.66
1880-81				.05	.33	12.33	12.71	8.69	4.65	.90	2.00	.22	.69	17.15	29.86
1881-82			.25	.54	1.94	3.85	6.58	1.68	2.06	3.45	1.22	.21	.04	9.56	16.14
1882-83			.26	2.66	4.18	2.01	9.11	1.92	1.04	3.01	1.51	3.52	.01	11.01	20.12
1883-84			.42	1.48	1.60	.92	4.42	3.94	6.65	8.24	6.33	.23	2.57	27.96	32.38
1884-85	Tr	.04	.33	2.55	.26	7.68	10.86	2.53	.30	1.01	3.17	.04	.19	7.24	18.10
1885-86	.06	Tr	.11	.72	11.78	4.99	17.66	7.42	.24	2.07	5.28	.37	.01	15.30	33.05
1886-87	.23	Tr	.01	1.48	.84	2.07	4.63	1.90	9.24	.84	2.30	.06	.07	14.41	19.04
1887-88	Tr	.01	.29	Tr	.99	3.34	4.63	6.81	.94	3.60	.11	.38	.27	12.11	16.74
1888-89	.01	.01	.98	.13	3.99	5.80	10.92	1.28	.72	7.78	.96	2.17	.03	12.94	23.86
1889-90	.01	Tr	Tr	7.28	2.90	13.81	24.00	9.61	5.16	4.73	1.18	1.07	.10	21.85	45.85
1890-91	.02		.31			3.25	3.58	.98	7.26	1.96	2.44	1.25	.11	14.00	17.58
1891-92	.10	.02	.77	.04	.56	5.62	7.11	2.42	2.90	2.85	1.39	1.86	Tr	11.42	18.53
1892-93			.02	1.65	3.91	5.08	10.66	3.05	2.75	4.06	1.03	.15	.03	11.09	21.75
1893-94	.02		.21	.16	4.18	2.25	6.82	5.99	2.69	.60	.50	1.31	.56	11.65	18.47
1894-95	Tr		1.05	1.73	.88	9.01	12.67	6.99	2.31	1.89	1.24	.60		13.03	25.70
1895-96	.01		.77	.11	1.78	1.43	4.10	8.14	.28	2.85	5.16	.72		17.15	21.25
1896-97	.04	.09	.52	1.55	4.56	4.34	11.10	2.26	4.41	4.56	.27	.61	.22	12.33	23.43
1897-98	Tr	Tr	.10	1.70	1.05	1.22	4.07	1.12	2.13	.24	.19	1.44	.19	5.31	9.38
1898-99		Tr	1.06	.86	.46	1.62	4.00	3.67	.10	7.61	.62	.86	.01	12.87	16.87
1899-1900		Tr		3.92	3.79	2.65	10.36	4.11	.64	1.91	1.08	.32	.05	8.11	18.47
1900-01	Tr	Tr	.46	1.48	3.91	1.37	7.22	5.79	5.03	.80	1.64	.69	Tr	13.95	21.17
1901-02	Tr	Tr	.78	.64	3.48	.90	5.80	1.23	7.27	2.65	.98	1.05	Tr	13.18	18.98
1902-03	Tr	Tr	Tr	1.70	1.98	2.32	6.00	3.73	1.76	6.23	.56	Tr	Tr	12.28	18.29
1903-04		Tr	Tr	.17	4.25	1.63	6.05	1.05	5.89	6.01	1.29	.30	Tr	14.54	20.58
1904-05	.02	.06	5.07	2.37	1.07	1.59	10.18	4.04	2.70	3.15	1.33	2.05	.00	13.27	23.45
1905-06		Tr	Tr	Tr	.92	2.05	2.97	3.90	4.30	5.02	.92	2.75	.56	17.45	20.42

Tr indicates a trace of precipitation.

MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
SEASON OF 1904-1905.

Compiled by U. S. Weather Bureau.

STATIONS:	1904.						1905.						Total Season.
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.	
Angiola	.00			.35	Tr	1.00	1.28	1.01	2.40	.03	.05	.00	
Antioch	.00	.58	2.40	1.73	.70	2.40	2.03	2.25	2.33	.68	1.67	.00	16.77
Aptos	.00	.21	3.56	2.83	1.65	1.73	5.17	5.28	4.22	1.87	2.89	.05	29.46
Auburn	.00	.00	2.51	4.97	4.15	3.32	3.50	4.85	7.43	1.92	2.70	.00	35.35
Azusa	.00	.95	.12	.34	.00	1.73	3.65	10.58	6.43	1.49	1.29	.00	26.58
Bagdad	.90	1.40	.00	.00	.00	Tr	2.40	3.20	2.30	.00	.00	.00	10.20
Bakersfield	.00	.13	.88	.78	.00	.84	1.11	1.46	2.12	Tr	1.08	.00	8.40
Barstow	.40	Tr	.00	.00	.00	Tr	1.10	.50	3.50	.40	.00	.00	5.90
Berkeley	.00	.07	4.44	3.39	2.23	2.03	5.58	2.56	4.25	1.37	3.43	.00	27.35
Biggs	.00	.00	3.26	2.47	4.55	3.44	5.70	3.33	3.40	.62	1.68	.61	29.08
Bishop	.39	.67	1.67	.64	.00	.10	.46	1.18	2.13	.04	.40	.02	7.70
Blue Canon	.01	Tr	4.57	8.75	2.81	7.11	6.24	7.56	12.45	2.70	5.61	.51	58.39
Bodie	2.83	1.46	2.38	.45	Tr	.84	.10	1.55	3.09	1.23	3.32	Tr	15.25
Branscomb	.86	.08	2.96	7.98	7.67	13.80	14.14	4.38	14.73	2.75	3.25	.02	72.68
Brush Creek	.01	Tr	6.63	7.72	4.53	12.92	12.45	8.85	13.20	2.46	3.54	.18	72.49
Byron	.00	.10	1.75	.75	.70	.95	2.60	3.00	2.40	.60	1.40	.00	14.25
Cabazon	.00	.00	.00	Tr	.00	Tr	6.20	6.24	3.07	.67	1.70	.00	17.38
Calexico							1.50	3.76	.91	.50	.00	.00	
Callente	.00	.00	.00	.00		1.35	1.38	2.88	4.35	.16	.25	.00	
Callstoga	.00	.00	5.50	4.30	1.92	4.08	8.10	4.45	2.50	.60	3.02	.00	34.47
Cambrina	.03	Tr	2.81	3.76	.57	1.84	4.02	7.12	4.92	.88			
Campbell	.00	.48	2.94	1.12	1.06	2.39	2.73	3.76	3.39	1.09	2.02	.00	20.98
Cedarville	.62	.05	.57	1.21	.69	2.28	.46	1.12	3.37	.25	1.03	.55	12.20
Chico	.00	.00	3.38	2.82	2.29	3.99	7.14	4.85	4.63	1.57	2.04	.29	33.00
Chino	.00	.26	.00	.08	.00	1.02	4.26	6.81	6.93	.95	1.09	.00	21.40
Cisco	.00	.50	7.74	9.77	.95	7.20	6.01	5.75	6.10	1.10	1.00	.00	46.12
Claremont	.00	.47	.02	.40	.00	1.23	3.24	6.82	6.26	.94	3.37	.00	22.75
Cloverdale	.04	.04	4.21	4.79	3.48	7.88	10.29	6.02	8.71	1.63	3.51	.00	50.60
Colfax	Tr	.00	5.50	7.17	2.53	5.90	5.36	6.11	9.79	3.01	3.21	.20	48.78
Colton	.00	.23	.00	.20	.00	.10	4.01	6.03	5.17	.83	1.21	.00	17.42
Colusa	.00	.00	2.88	1.23	1.43	2.91	4.25	2.59	2.44	.76	2.71	.17	21.30
Corning	.00	.00	5.15	4.72	2.60	3.03	6.60	3.30	4.35	.55	2.00	.00	32.24
Craftonville	Tr	1.35	.00	.45	.00	1.08	4.85	6.70	5.49	.61	1.71	.00	22.71
Crescent City	1.94	Tr	2.48	6.99	8.46	15.39	11.82	2.47	11.41	1.67	1.63	.45	64.89
Cuyamaca	.20	1.25	.15	1.18	.00	2.95	9.87	15.91	15.63	3.64	7.11	.00	57.86
Davisville	.00	.11	3.14	2.21	1.51	1.55	2.99	3.23	2.34	.50	4.28	.00	21.58
Delano	.00	Tr	1.61	.55	.09	1.30	.92	1.57	2.10	.10	2.28	.00	10.23
Delta	.00	.00	6.90	13.94	5.65	6.38	14.39	6.89	14.68	7.53	3.41	.46	80.23
Dobbins	.00	.02	4.85	4.41	4.13	4.95	5.87	6.60	8.29	2.59	3.77	.16	45.64
Drytown	.00	Tr	3.10	2.90	2.05	2.90	3.05	4.95	7.50	1.70			
Dunnigan	.00	.06	3.94	1.85	1.47	2.88	6.54	3.69	4.67	.53	3.49	Tr	29.12
Dunsmuir	.00	.00	5.56	6.87	4.82	5.26	12.02	2.38	10.89	2.50	2.15	.00	52.45
Durham	.00	.00	3.90	3.60	2.21	4.78	6.20	4.36	3.86	1.37	1.50	.18	31.96
El Cajon	.00	Tr	Tr	.27	.00	2.73	2.67	9.22	4.23	.36	1.02	.00	20.50
Electra	.00	.00	1.93	4.35	1.99	2.94	2.18	4.35	6.93	2.17	2.51	.00	29.35
Elmdale	.00	Tr	1.10	.42	.13	1.02	2.94			.55	1.95	.00	
Elsinore	.00	1.12	.82	Tr	.00	.91	5.32	7.72	4.36	.30	.92	.00	21.47
Emigrant Gap	Tr	.20	5.30	8.66	3.45	7.75	5.55	5.90	11.25	1.60	3.00	.50	53.16
Escondido	.00	.00		.53	.00	1.68	3.97	9.29	5.75	.45	1.80	.00	
Eureka	.75	Tr	1.36	2.67	4.41	8.18	4.81	0.99	7.28	.78	1.39	.05	32.67
Farmington	Tr	.25	2.41	2.40	1.65	1.70	3.12	1.82	3.47	.94	1.28	.00	19.04
Farallon Island	.00	Tr	2.95	2.03	1.58	2.22	3.20	3.34	3.20	1.28	1.48	.00	21.23

(CONTINUED)

STATIONS.	1904.						1905.						Total Season
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.	
Folsom	Tr	.10	3.29	3.23	3.00	1.98	3.24	2.88	4.53	1.60	2.35	.00	26.20
Fort Ross	.16	.00	4.21	8.28	5.98	9.91	14.68	6.56	12.45	2.33	4.58	.00	69.14
Fresno	.00	.00	1.78	3.21	.08	1.12	.93	.90	2.04	.55	1.58	.00	12.09
Fruto	.00	.00	3.55	3.70	1.70	3.25	7.80	4.35	5.15	.40	4.50	.00	34.40
Galt	.00	.17	2.26	1.37	1.45	1.83	2.98	2.26	4.21	.95	2.35	.00	19.83
Georgetown	.00	.05	5.49	7.42	2.53	5.57	5.31	6.46	10.69	2.80	3.00	.00	49.32
Gilroy	.00	.00	2.01	2.07	.76	1.92	3.54	4.39	4.84	.79	2.93	.00	23.25
Gold Run	.02	.00	6.02	6.61	3.26	5.23	5.10	5.65	11.68	2.50	2.89	.09	49.06
Gonzales	Tr	Tr	1.11	.91	.38	1.12	2.99	3.22	3.13	.60	1.71	.00	15.17
Greenville	.23	.62	5.04	4.05	2.58	9.07	4.70	3.40	7.74	1.34	.62	.38	39.77
Guinda	.23	.00	3.85	2.34	.91	3.90	7.83	2.57	4.16	.61	2.28	.20	28.88
Hanford	.00	.00	2.48	.84	.31	1.16	1.28	1.09	2.10	.56	.65	.00	10.47
Healdsburg	Tr	Tr	4.50	6.92	3.37	4.51	13.03	6.43	8.41	2.12	3.69	.00	52.98
Helen Mine	.10	.00	6.00	11.24	5.34	13.50	22.27	10.01	17.89	2.70	5.81	.00	94.36
Hollister	Tr	.12	1.12	1.68	.55	1.11	2.75	3.12	3.41	.94	2.44	.00	17.24
Hornbrook	.00	.00	.75	3.20	1.20	5.85	3.03	1.10	1.55	.20	1.28	.32	18.48
Huron	Tr	.00	.75	Tr	Tr	1.00	1.57	1.85	1.55	.30	.50	.00	6.52
Idyllwild	Tr	2.45	Tr				6.85	8.43	0.07	2.21	3.77	.00	35.01
Imperial	.45	.48	.03	.00	.00	.25	1.50	6.12	1.05	.15	.00	.00	10.03
Independence	Tr	.07	.32	.06	.00	Tr	.54	.73	2.08	Tr	.25	.00	4.05
Indio	Tr	.33	.00	.00				2.00	1.30	.00	Tr	.00	
Ione	.00	.10	3.30	1.49	1.46	3.10	2.75	4.10	5.55	1.05	3.05	.00	25.95
Iowa Hill	.00	.02	4.97	6.91	3.00	5.23	4.78	5.74	10.21	2.58	3.11	.27	46.82
Isabella	.00	.26	.77	.22	.00	.62	.92	2.99	5.03	.36	1.63	.00	12.80
Jamestown	.00	.04	2.68	3.94	.58	3.38	2.48	4.35	6.80	2.20	3.56		
Keeler	Tr	1.00	.55	.75	.00	.00	.90	1.00	3.30	Tr	1.10	.00	8.60
Kings City	Tr	Tr	1.58	.70	.30	1.45	1.68	3.77	3.10	.42	1.33	.00	14.33
Knights Landing	.00	.05	2.95	1.35	.96	2.15	4.40	3.00	3.90	.50	3.55	.00	22.81
La Porte	.10	.58	7.34	10.70	4.60								
Le Grand	.00	Tr	1.61	2.79	.15	1.48	2.05	2.31	3.38	.62	1.70	.00	16.09
Lemon Cove	.00	Tr	2.43	3.47	.22	1.78	.84	3.01	5.51	.75	1.70	.00	19.71
Lick Observatory	Tr	.05	2.33	2.51	2.05	3.84	4.04	4.19	5.91	1.36	2.27	.00	28.55
Livermore	Tr	.32	1.62	1.00	.78	1.42	2.43	2.30	3.12	.93	1.89	.00	15.81
Lodi	.00	.03	2.29	2.11	1.50	1.66	3.49	2.86	4.06	.80	2.39	.00	21.19
Lone Pine		.02	.10	.13	.13	.02	.60	.83	3.51	.16	1.19	.00	
Los Angeles	Tr	.17	.28	.69	.00	2.45	2.57	6.06	6.00	.35	.95	.00	19.52
Los Banos	.00	.13	1.11	.73	.23	.96	2.58	1.77	2.83	.28	1.34	.00	11.96
Los Gatos	.00	.57	5.97	2.83	1.15	3.23	4.98	5.86	6.55	1.21	3.53	.00	35.88
Magalia	.00	Tr	5.50	11.84	4.08	10.32	14.26	9.74	12.36	1.84	3.76	.00	73.20
Mammoth Tank	.00	.00	.00	.00	.00	Tr	.13	3.45		.02	.00	.00	
Marysville	.00	.08	2.57	3.01	3.08	2.72	4.33	2.80	4.20	1.20	2.12	.39	26.50
Mendota	.00	Tr	.70	1.47	.10	.98	.86	1.42	2.30	.40	1.21	.00	9.53
Menlo Park	.00	.11	2.41	2.37	.87	1.40	2.21	2.54	2.23	1.44	2.08	.00	17.66
Merced	.00	.10	1.80	2.99	.29	1.15	1.30	1.55	2.05	.25	1.82	.00	13.30
Milton	.00	.06	1.82	2.15	1.72	2.10	2.43	2.07	3.64	1.65	2.78	.00	20.30
Modesto	.00	.13	1.68	.30	.50	1.31	4.01	1.87	3.50	.67	1.80	.00	15.77
Mojave	.00	.30	.00	.00	.00	.60	.70	1.60	2.90	.00	Tr	.00	6.10
Mokelumne Hill	.00	.02	2.87	4.27	1.72	2.83	3.73	3.98	7.71	2.08	2.52	.00	31.73
Montague	.39	.00	1.06	1.70	1.24	2.68	1.76	.33	1.66	.36	1.01	.49	12.68
Monterey	.00	.00	2.75	1.92	.44	3.06	3.39	4.46	4.63	1.50	3.10	.00	25.25
Monterio	.00	.32	.78	.44	.25	3.11	1.27	4.66	9.60	1.75	3.25	.00	25.43
Monumental		.00	1.44	7.40	13.87	25.14	13.77	3.60	17.64	2.56	2.66	.64	
Mt. Tamalpais	.08	.03	2.36	3.77	2.01	2.92	4.49	4.70	5.30	1.14	2.68	.00	29.48
Napa City	Tr	.10	3.98	3.45	2.47	3.30	5.37	3.34	5.15	.77	2.85	.00	30.78
Napa (S. H.)	Tr	.08	4.79	2.63	2.01	2.40	4.40	2.77	3.44	.94	2.60	.00	26.06
Needles	.00	.90	.04	.00	.00	.20	.95	4.50	1.45	.50	.10	.00	8.64
Nevada City	.00	.03	4.74	6.89	4.03	5.90	7.33	6.75	9.05	2.88	4.29	.14	52.03
Newcastle	.00	.01	3.86	3.78	2.89	2.50	4.03	3.80	6.74	2.38	3.67	.00	33.66
Newhall	.00	.07	1.33	.35	.00	1.67	2.57	10.62	8.54	.44	1.94	.00	27.53
Newman	.00	.43	1.13	.92	.67	.95	3.00	2.85	2.65	.55	1.70	.00	14.85

(CONTINUED)

STATIONS.	1904.						1905.						Total
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May	June.	
Niles .....	.00	.48	2.80	2.25	1.45	2.18	3.43	3.21	3.51	1.40	2.81	Tr	21
Nordhoff (near)....	Tr	.30	6.14	1.07	Tr	3.10	3.12	14.01	12.87	.61	3.98	.00	41
North Bloomfield..	Tr	Tr	6.27	6.98	3.72	7.99	6.48	7.05	12.97	2.82	4.21	.22	51
North Fork.....	.00	.00	6.59	3.86	.30	3.20	2.31	5.03	3.23	1.61	3.64	---	---
Oakdale .....	.00	.06	1.68	1.43	1.18	1.59	3.54	1.26	2.43	1.04	2.31	.00	11
Oakland	Tr	.03	4.50	3.29	1.86	1.52	4.91	3.90	3.56	1.34	2.70	.00	22
Ontario .....	.00	.19	Tr	.49	.00	1.30	3.26	6.49	7.21	.82	1.04	Tr	29
Orland	Tr	Tr	3.03	2.60	1.96	3.40	7.67	2.82	4.41	.65	2.23	.38	22
Orleans .....	.61	Tr	1.19	3.99	5.53	13.07	7.00	1.90	7.85	1.55	1.14	.27	44
Oroville .....	.00	Tr	3.65	3.74	4.09	4.87	4.01	3.49	5.06	1.97	2.35	.21	32
Palermo	Tr	Tr	3.21	4.19	3.85	4.47	4.75	3.96	4.46	2.03	1.72	.13	32
Palm Springs.....	.00	1.00	.00	.10	Tr	.00	2.16	3.95	1.66	Tr	.48	.00	1
Paso Robles.....	.00	.00	3.57	.86	.16	1.29	1.79	5.64	3.95	.47	2.16	.00	11
Peachland .....	.03	Tr	4.19	6.48	3.35	7.43	9.50	5.43	6.60	1.94	3.07	.00	41
Pine Crest.....	.00	.03	10.95	1.16	Tr	2.58	4.16	10.08	9.35	.79	2.50	.00	41
Placerville .....	.00	.21	4.09	4.95	1.95	4.27	3.27	5.23	7.67	2.61	2.35	.00	32
Point Lobos.....	.02	Tr	4.27	2.40	1.09	1.63	3.92	3.73	2.81	1.54	2.73	.00	24
Point Reyes.....	.00	Tr	3.40	4.58	1.82	2.93	3.87	4.01	3.62	1.15	1.17	.00	22
Porterville .....	.00	Tr	1.64	.60	.05	1.33	.73	.74	4.21	.75	1.81	.00	11
Poway	Tr	Tr	Tr	.19	.00	1.85	4.25	7.99	3.24	.42	1.90	.00	19
Quincy .....	.05	.12	5.18	4.79	4.14	9.04	6.16	4.44	8.87	1.52	1.44	.89	46
Red Bluff.....	.11	.00	4.86	3.53	2.31	3.81	7.45	3.17	5.84	.70	1.86	.18	33
Redding .....	.59	Tr	4.25	4.41	2.69	5.90	10.90	5.46	7.95	.83	1.99	.15	45
Reedley .....	.00	Tr	3.72	3.86	.30	1.77	1.27	1.29	3.48	.74	1.69	.00	18
Rio Vista.....	Tr	.20	2.91	2.88	1.38	1.45	2.85	2.72	3.34	1.03	2.25	.00	21
Riverside .....	.07	Tr	Tr	.21	.00	1.11	3.07	5.86	4.87	.45	.88	.00	16
Rocklin .....	.00	.12	3.42	3.30	3.45	1.82	3.23	2.99	4.76	1.88	2.59	.00	27
Sacramento	Tr	.07	3.62	1.86	2.05	1.20	3.33	2.47	3.75	4.18	2.45	.00	21
Salinas .....	.00	Tr	1.14	1.75	.53	1.35	2.85	1.62	3.74	1.08	2.51	.00	16
Salton	1.00	2.00	.00	.00	.00	.00	1.80	2.23	2.26	.00	.00	.00	9
San Bernardino....	.00	.14	.06	.32	.00	1.03	3.92	6.58	6.00	1.18	1.55	.00	20
San Diego.....	.00	Tr	Tr	.17	.00	2.46	2.16	5.90	2.98	.30	.35	Tr	14
San Francisco....	.02	.06	5.07	2.37	1.07	1.59	4.04	2.70	3.15	1.33	2.05	.00	23
Sanger .....	.00	.00	2.73	2.56	.11	1.18	1.03	1.20	3.11	.30	1.49	.00	13
San Jacinto.....	.00	.32	.00	.13	.00	1.02	3.46	6.48	4.89	1.03	1.26	.00	18
San Jose.....	.00	.25	1.94	1.43	1.20	2.28	2.70	2.65	2.73	1.01	1.77	.00	17
San Leandro.....	.07	.12	2.95	2.88	1.95	1.68	4.34	3.27	4.16	1.63	2.54	.00	25
San Luis Obispo..	Tr	.06	3.54	1.00	.13	1.72	2.35	7.51	4.19	.77	2.26	.03	23
San Mateo.....	.00	.00	3.97	2.25	1.03	2.06	3.63	4.18	5.23	1.82	2.47	.00	26
San Miguel.....	.00	.00	2.37	.40	.40	.96	1.71	3.60	2.61	.30	1.32	.00	13
San Rafael.....	.00	.00	6.12	5.08	2.45	4.01	8.61	5.43	6.32	1.18	2.38	.00	41
Santa Barbara....	.00	.10	7.15	.51	Tr	1.53	3.73	8.22	6.40	.51	1.44	.05	20
Santa Clara.....	.00	.42	3.01	1.41	1.04	2.50	2.42	3.16	3.06	1.10	2.01	.00	20
Santa Cruz.....	.00	.50	4.70	3.63	2.37	2.11	6.95	4.65	5.15	2.30	3.47	.05	35
Santa Margarita..	.00	.14	4.02	1.71	.00	2.73	2.62	8.60	8.41	.72	5.05	.00	34
Santa Maria.....	.00	.86	2.55	1.25	.03	1.55	1.85	5.83	4.46	.69	1.58	.00	20
Santa Rosa.....	Tr	Tr	4.39	4.60	2.74	4.50	5.53	4.26	5.59	1.45	2.93	.00	35
Selma .....	.00	.00	2.68	1.69	.12	1.45	1.24	1.12	2.76	.67	1.10	.00	12
Shasta .....	.04	.00	6.82	6.08	4.51	6.88	15.15	5.73	11.12	3.25	2.77	.17	66
Sierra Madre.....	.00	.73	.26	.57	.00	1.56	3.00	11.82	9.28	2.14	2.74	.00	32
Slisson .....	.07	Tr	5.24	6.65	2.74	4.95	10.29	3.96	8.04	2.01	4.21	.55	46
Soledad .....	.00	.00	1.59	.76	.30	1.00	1.40	3.31	2.68	.56	1.61	.00	13
Sonoma .....	.05	Tr	4.10	4.06	1.91	3.57	5.21	3.45	5.91	1.06	3.27	.00	32
Sonora	Tr	.02	3.34	5.31	.32	3.25	2.36	4.66	7.82	2.30	3.47	.00	36
Stockton .....	.00	.12	2.33	1.51	1.28	1.23	3.11	2.38	3.13	.72	2.38	.00	16
Storey .....	.00	.00	---	---	---	1.08	1.30	1.40	2.29	.72	1.20	.00	---
Suisun .....	.00	.03	4.65	1.89	1.46	1.70	5.30	2.81	2.98	.73	2.72	.00	24
Summerdale .....	.00	.40	8.52	6.51	.63	4.39	3.88	9.50	10.53	2.56	3.80	.02	56
Summit .....	.04	.03	4.56	1.90	1.33	3.60	5.55	7.00	10.70	2.90	3.70	1.40	47
Susanville .....	.05	.25	.95	1.69	.70	4.10	.97	2.46	3.31	.09	.78	.20	15

(CONTINUED)

STATIONS.	1904.						1905.						Total Season
	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	April.	May.	June.	
Tehachapi -----	.00	.50	.15	.25	.00	1.10	.91	3.56	7.05	.69	1.65	.00	15.86
Tehama -----	.00	.00	4.17	3.52	2.80	3.63	6.91	3.16	4.35	.38	1.65	.00	30.57
Tejon Rancho -----	.00	.12	.44	.60	.16	2.04	1.01	2.45	3.52	1.02	2.29	.00	13.65
Tequisquita R'cho. -----	.00	.03	1.02	1.39	.76	1.45	3.11	4.30	3.67	.89	2.44	.00	19.06
Towel -----							5.62	6.73	11.75	6.11	3.89	.69	-----
Tracy -----	.00	.10	1.68	2.30	.97	.87	2.98	1.40	1.89	.34	2.62	.00	15.15
Truckee -----	.00	Tr	2.14	3.64	Tr	3.78	2.59	2.40	3.36	1.65	1.12	.00	20.68
Tulare -----	.00	Tr	1.58	1.71	Tr	1.42	1.21	1.25	4.38	.63	.96	.00	13.14
Ukiah -----	.10	.02	2.87	5.35	2.94	8.31	9.29	3.83	6.80	1.37	2.54	.01	42.93
Upland -----	Tr	.07	.00	.95	.00	1.09	4.30	7.92	6.87	.88	3.51	.00	25.62
Upper Lake -----	.07	Tr	2.42	3.79	2.32	5.69	7.62	3.18	4.88	1.11	1.73	.38	33.19
Vacaville -----	.00	.23	5.10	2.70	1.66	1.71	7.10	2.23	3.88	.84	3.83	.00	29.28
Valley Springs -----	.00	.07	2.69	3.75	1.76	3.45	3.08	3.44	6.44	1.74	3.47	.00	29.89
Ventura -----	.00	.09	1.89	.88	.00	2.57	2.70	8.76	5.77	.29			-----
Visalia -----	.00	.00	1.38	1.19	.00	1.03	1.03	1.48	4.19	.38	.81	.00	11.49
Volcano Springs -----	.90	1.00	.00	.00	.00	.00	1.70	2.33	1.15	.00	.00	.00	7.08
Wasco -----	.00	.20	1.45	.57	.00	.95	1.12	1.80	2.03	.00	.75	.00	8.37
Watsonville -----	.00	.13	2.36	1.89	.82	1.56	3.64	4.46	4.26	1.30	4.27	.00	24.69
Westley -----	.00	.00	1.59	.32	.73	.81	2.12	1.87	2.21	.40	1.60	.00	11.65
Wheatland -----	.00	.01	2.88	2.54	2.92	2.06	4.46	2.64	3.15	1.63	2.14	Tr	24.43
Williams -----	.00	.00	2.75	1.23	1.69	3.09	4.27	2.40	2.72	.69	1.04	.10	19.98
Willits -----	.43	.02	2.25	6.21	5.26	11.04	11.40	3.58	13.35	1.95	2.09	.00	57.58
Willows -----	Tr	.00	3.35	1.95	1.78	3.10	6.20	2.87	3.55	.30	1.45	.00	24.55
Woodland -----	.00	.39	3.43	3.00	1.45	2.71	3.90	3.15	3.83	.85	5.58	.00	28.29
Woodside -----							3.47	5.48	6.13	1.87	3.41	.00	-----
Yosemite -----	.00	.24	7.09	3.36	.69	3.63	1.81	5.30	8.19	2.61	2.97	.34	36.23
Zenia -----	1.05	.00	2.04	6.29	8.34	12.68	11.81	3.64	12.39	2.45	2.44	.18	63.31

Tr indicates a trace of precipitation.

**MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1905-06.**

Compiled by the United States Weather Bureau.

STATIONS.	1905						1906						Annual
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Alturas			.27	.22	.94	.52	3.87	1.06	2.30	.65	2.45	.96	14.18
Angiola			Tr	Tr	1.01	.18	1.40						
Antioch			.05		.94	.68	2.26	2.22	6.30	.75	1.45	.47	14.98
Aptos					2.01	2.01	6.96	6.10	7.57	1.89	4.04	.35	31.66
Auburn			.05		1.86	1.87	12.44	7.79	19.54	2.64	4.75	1.61	48.57
Asusa			.08	.10	2.30	.35	4.90	1.99	9.50	1.24	1.86		23.26
Bagdad			.40		1.50	.10	Tr	.90		.60			
Bakersfield			Tr	Tr	2.50	.22	.60	.70	1.70	1.24	1.55	Tr	8.72
Barstow		Tr			.90	Tr	.65	Tr		.25			
Berkeley					1.46	2.22	6.98	3.96	9.05	.74	2.56	.61	27.55
Biggs					1.80	.64	7.43	4.25	8.06	1.14	3.60	1.25	26.09
Bishop			.41		.50	.65	2.34	.14	3.09	.74	.47	.13	8.58
Blocksburg			.26	.86	5.92	.05	20.87	13.18	13.63	2.41	5.40	4.50	72.65
Blue Canon		.15	.28	.90	4.85	.84	24.73	11.24	21.28	4.2	12.59	4.42	93.26
Bodie			.60		2.67	1.45	5.80	1.30	6.03	.83	2.40	.60	23.68
Branscomb			.18	.94	5.92	8.72	28.77	16.25	13.64	5.11	7.14	6.13	90.80
Brush Creek		.07	.53	.10	4.65	4.60	27.64	13.46	21.73	2.99	8.86	3.82	83.35
Cabazon					4.18	.98	1.23	1.69	9.99	1.14			18.26
Calxico	.03		.13		1.96	.54		1.25	.43	.24			4.79
Calliente			1.00		1.25	4.65	1.30	2.35	2.41	.65	1.90	.10	17.01
Callistoga					2.10	1.42	20.09	7.30	9.30	.70	3.60	.75	45.17
Campbell			Tr		1.87	1.36	.92	2.47	5.28	1.11	1.26	.24	17.51
Cedarville	Tr	.10	.46	.40	1.02	.70	4.10	1.77	3.05	.68	2.56	.79	15.62
Chico		.04	Tr		1.16	2.72	8.80	4.57	9.93	1.72	3.09	1.20	30.90
Chino		Tr	Tr		2.13	.52	4.61	2.46	9.08	.79	1.05		21.62
Cinco					5.70	2.30	12.70	9.00	16.00	1.70	8.61	4.20	58.21
Claremont			.02	.02	2.48	.48	3.04	2.19	9.51	1.51	1.43	.06	21.68
Cloverdale			.07	Tr	2.32	2.89	15.86	7.21	10.78	1.53	4.12	1.48	46.26
Colfax				Tr	2.30	2.78	21.62	3.98	19.28	2.72	7.54	3.48	
Colusa					1.50	.42	5.10	3.63	6.51	.87	2.03	1.02	21.00
Corning		Tr	Tr	Tr	1.55	1.70	5.95	3.70	12.35	1.65	2.05	.35	29.30
Craftenville			.40	.06	2.16	1.17	.74	4.83		.23	Tr		
Crescent City	.06		1.86	3.60	6.91	9.04	8.59	10.97	10.20	3.77	6.39	5.45	61.70
Cuyamaca		Tr	1.01	Tr	10.15	2.78	5.44	7.40	22.41	3.54	3.37	.14	50.10
Davisville		.05			1.08	.54	9.01	3.37	7.30	.57	2.27	.27	24.60
Delano					.94	.42	1.30	1.10	3.76	1.17	1.32		13.10
Delta			.12	.31	2.08	2.79	17.73	11.67	13.81	2.16	7.05	4.97	63.10
Dobbins		.05	.35		2.40	2.84	16.00	8.90	13.86	2.48	5.04	2.74	54.10
Dunnigan		Tr	Tr		1.36	.92	9.11	3.77	5.24	.75	2.50	.50	27.10
Dunsmuir					2.70	3.84	15.53	10.30	16.42	1.93	6.79	1.98	59.10
Durham		.25	Tr		.87	2.02	6.46	5.10	9.80	1.81	2.80	1.40	30.10
El Cajon	.03	.01	.57	.25	4.87	.55	1.20	2.13	6.56	1.66	.72	.04	18.10
Electra					2.39	2.17	10.80	6.36	12.41	3.58	3.60	1.00	42.10
Elmwood					.86	.59	2.27	.99	6.99	1.50		.01	
Elsinore			Tr	.12	6.61	.20	1.25	1.04	7.65	.93	.32	Tr	17.10
Emigrant Gap		.50	1.00		5.50	4.80	18.80	11.35	21.00	5.30	11.90	5.45	85.10
Escondido				.13	4.45	.62	2.78	2.14	11.96	1.50	1.46	.08	25.10
Eureka	.02		.38	1.50	3.93	4.32	7.68	6.27	7.73	2.14	2.57	1.56	36.10
Farmington			Tr		1.54	.67	4.04	3.04	6.42	1.57	.92	.36	16.10
Farallon Island					1.89	2.15	2.96	2.87	4.63	.78	1.61	.35	17.10
Folsom		Tr	.05		1.74	1.28	8.80	5.85	9.20	2.46	2.89	.96	32.10
Fort Ross			.19	.28	4.71	3.85	14.78	12.63	13.20	2.22	6.61	2.90	69.10
Fresno			Tr		.96	.41	2.05	2.30	4.10	.92	2.88	Tr	11.10
Fruto			Tr		1.56	1.35	6.57	3.68	6.65	1.60	1.95	.45	20.10
Galt			.05		.81	.64	7.27	3.21	7.61	1.46	2.16	.77	27.10
Georgetown		.08	.16	Tr	3.78	3.49	22.11	13.22	18.79	4.62	7.19	2.81	77.10
Gilroy					1.90	1.40	11.55	3.46	7.77	1.27	2.21	.06	27.10
Gold Run					1.66	2.65	18.26	11.76	23.12	2.22	9.30	2.94	77.10
Gonzales					2.81	.85	2.33	2.85	3.99	.61	1.68		14.10
Greenville	Tr	.96	.73	.16	2.58	1.62	19.12	7.17	12.45	.76	4.77	.72	51.10

MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1905-06—Continued.

STATIONS	1905						1906						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Guinda		Tr			1.55	.85	9.29	4.28	7.56	.20	1.95	.35	26.03
Hanford			.07		1.16	.23	1.59	1.92	4.05	.62	2.06	.02	11.72
Healdsburg			.02		4.01	2.39	15.81	7.83	15.11	.79	4.34	1.82	52.12
Heber							Tr	.98	.35	.12	Tr		
Helen Mine			.08	.20	4.93	4.64	38.75	15.83	22.15	2.48	10.73	4.92	*
Hollister			.05		1.62	1.09	4.88	3.20	6.40	1.04	1.66	.51	20.45
Hornbrook			.31	.31	.00	1.80	6.10	2.40	1.94	.45	.92	1.17	16.09
Idyllwild	.03	.17	.38	Tr	8.38	1.93	3.34	5.32	16.15	3.19	2.73	.04	41.66
Imperial	.07	Tr	.04		.83	.30	Tr	2.50	.35	.25	.10		4.44
Independence		Tr	.25		.43	Tr	2.89	.13	1.86	.36	.42	.10	6.44
Indio			Tr	Tr	1.06	.14	Tr	.97	2.06	.47			4.70
Ione					1.39	1.24	8.09	4.98	9.95	2.64	2.06	.58	30.93
Ione Hill		.06	.25		3.36	3.06	19.98	10.01	19.89	3.60	7.57	3.07	70.85
Jamestown			.10		2.53	1.79	11.41	7.11	15.14	3.68	5.04	.83	47.63
Jeeler					.50		1.05	.20		.85			
Jing City					1.54	.35	1.27	2.95	4.81	.46	1.53		12.91
Kings Landing						.85	6.18	3.70	5.73	.50	2.25	.60	
La Parte			1.33	.48	4.81	4.55	29.87	15.97	26.47	3.46	11.73	6.19	**
La Grande			Tr		1.35	.87	1.69	2.40	6.30	2.18	2.63		17.42
Lemon Cove					1.95	1.53	5.18	2.33	9.82	2.91	3.21	.20	
Lick Observatory			.02		3.00	2.04	11.16	5.76	9.82	1.83	3.15	1.15	37.93
Livermore			Tr		1.61	1.18	5.56	2.67	5.18	.95	1.61	.56	19.32
Lodi			.03		.61	.70	5.96	3.30	8.70	1.95	2.71	.45	24.41
Long Pine			.15		.63		1.00	.11	1.11	.23	.18	Tr	3.41
Los Angeles			Tr	.08	2.98	.20	3.85	2.47	7.35	.69	1.02	.01	18.65
Los Banos					.99	.90	1.51	1.83	5.10	.96	1.94		13.23
Los Gatos			Tr	Tr	3.00	1.64	13.65	4.75	10.81	1.01	2.98	.29	38.13
Magalia		.07	.48		2.33	3.32	36.01	12.58	24.07	4.48	11.14	4.30	98.78
Mammoth Tank					Tr			1.40	Tr	1.40			2.80
Marysville		.10	.07		.91	1.07	7.14	4.81	7.23	2.23	3.19	1.01	27.76
Mecca								1.04	1.37	.63			
Mendota			Tr		.44	.56	.92	1.37	3.40	.79	.47		7.95
Mendota Park			Tr		2.22	1.63	5.79	2.62	5.56	.81	1.33	1.07	21.03
Merced					1.83	.38	2.11	2.92	6.62	1.80	2.10		17.76
Milton (near)		Tr	Tr		1.71	.83	6.76	5.19	7.86	2.03	1.64	.57	26.59
Modesto					.61	.89	2.28	1.98	3.87	1.15	1.24	.53	12.55
Mojave					1.25		1.00	1.00	2.00	1.50	Tr		6.75
Mokelumne Hill		.03	.05		2.30	1.93	10.49	6.17	12.96	4.09	3.82	1.13	42.97
Mono Ranch			.10	.22	2.04	Tr	2.96	3.94	25.76	1.36	2.61		38.99
Montague	.12		.20	.13	.49	1.26	5.97	1.12	1.92	.52	.79	.55	13.07
Monterey					3.53	1.02	4.96	3.12	5.93	.70	.93		20.19
Monterio		.02	.42		3.85	4.02	3.85	2.00	7.11		2.38		
Monumental			2.90	5.16	8.51	11.86	19.16	22.27	11.27	4.31	12.23	9.04	***
Mt. Tamalpais			.06		1.62	2.47	4.65	5.94	8.07	.98	3.73	.73	28.25
Napa City	Tr		Tr		1.46	1.49	11.07	6.57	7.70	.41	4.53	.52	33.75
Napa S. H.			Tr		1.00	1.17	6.36	4.28	6.77	.43	3.23	.40	23.64
Needles	.06	.60	.50	.50	2.20		.10	.90	1.65	.50	Tr		7.01
Nevada City		.64	.30	.03	2.93	2.57	20.13	8.87	18.45	2.68	7.47	3.35	36.91
Newcastle		.19	.07		1.69	1.70	11.94	6.23	11.61	2.42	4.24	1.40	41.49
Newhall				.13	1.09	.05	2.17	2.40	10.11	1.02	1.42		18.39
Newman			Tr		.76	.98	1.88	1.74	7.27	1.18	.88	.04	14.73
Niles (near)		Tr	.02	Tr	2.36	2.16	5.27	4.48	5.80	1.33	1.55	.92	23.89
Nimshew					1.92	2.48	26.45	11.82	19.89	3.78	9.37	3.91	79.62
North Bloomfield		.10	.33	.15	3.83	3.58	20.54	9.95	18.70	2.36	9.26	4.33	73.13
Oakdale		Tr			.09	.77	4.50	3.29	6.81	2.18	1.98	.20	20.72
Oakland			Tr		1.48	1.90	4.59	3.95	7.90	.95	2.06	.55	23.88
Ojai Valley			.06	.37	1.52	Tr	3.58	3.31	11.96	.57	2.35	Tr	23.72
Orland		Tr	Tr	Tr	1.45	1.26	4.45						
Orleans			1.35	1.22	4.77	5.64	13.91	9.65	6.48	2.21	4.09	3.64	52.96
Oroville (near)		.08	Tr	.06	1.76	1.50	8.61	5.76	9.44	1.28	3.85	1.04	33.47
Palermo		.13	Tr	Tr	1.35	1.27	6.32	5.21	8.63	1.25	3.90	1.45	29.51
Palm Springs					1.11		.46		3.05	.20			
Paso Robles					.99	.29	2.55	2.92	6.12	.27	2.09		15.23
Peachland	Tr	Tr	.04	Tr	2.80	2.93	14.96	8.36	12.89	1.11	4.61	1.77	49.47
Pine Crest	.20		.01	.34	1.78	.06	5.01	4.50	14.75	1.15	4.47	.04	32.92
Placerville		.24	.18		3.00	2.73	14.36	7.99	14.17	3.85	5.48	2.19	54.19
Point Lobos	.02		Tr	Tr	1.12	1.88	3.34	3.66	5.76	.17	1.02	.35	17.32
Point Reyes		.03	Tr		2.21	2.38	2.52	3.33	6.21	.80	1.62	.81	19.91
Porterville			.08		1.14	.70	2.54	1.35	6.59	2.20	3.29	.02	17.90

**MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1905-06—Continued.**

STATIONS.	1905						1906						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Poway			.32	.17	4.43	.84	2.25	2.88	8.55	1.06	1.27	Tr	21.77
Quincy			.87	.14	2.84	2.23	15.85	8.08	14.42	1.01	6.65	2.49	54.58
Red Bluff			.02	.19	1.92	2.02	6.38	5.47	12.84	1.75	3.11	.89	34.59
Redding			.03	.08	2.84	1.88	9.97	7.58	14.74	2.68	5.31	2.96	48.07
Redlands				.04	2.38	1.29	1.48	3.04	6.15	1.30	.70	.14	16.61
Reedley			Tr		1.20	.46	3.54	2.28	5.39	1.78	2.66	Tr	17.31
Rialto (near)			Tr		4.28	.76	7.87	4.56	19.23	2.37	5.00	.22	44.29
Rio Vista			.05	Tr	.81	.57	5.16	3.08	6.78	1.80	2.36	.53	21.14
Riverside			.08	Tr	2.73	.48	1.38	1.44	6.86	1.57	.52	.08	15.14
Rocklin					1.36	1.62	10.80	5.52	10.18	2.35	3.22	1.08	36.13
Sacramento		Tr	.03		1.20	.56	6.63	3.04	8.45	1.21	2.24	.59	23.95
Salinas					2.60	.91	2.50	3.43		.55	1.46	.28	
Salton					.30								
San Bernardino			.13		2.81	.74	2.97	2.89	8.00	1.16	.96	.22	19.88
San Diego	.16		.50	.25	3.38	.38	.98	2.62	4.68	1.00	.72	.03	14.70
San Francisco		Tr	Tr	Tr	.92	2.05	3.90	4.30	5.02	.92	2.75	.56	20.42
San Jacinto		.37		.24	2.54	.22	1.42	1.99	6.50	.94	.57		14.79
San Jose			Tr		2.17	1.23	2.86	2.31					
San Leandro					1.15	2.26	5.51	4.22	4.16	.76	1.91	.60	
San Luis Obispo	.03		Tr	Tr	1.97	.32	6.37	3.48	10.85	.71	4.22	.16	28.11
San Mateo					2.29	2.52	5.15	3.49	5.66	.56	1.40	.69	21.76
San Miguel					.77	.29	1.25	2.46	4.59	.58	2.65	Tr	12.59
Sanger					1.00	.41	3.75	2.14	6.41	1.19	2.89	Tr	17.79
Santa Barbara	.18		.03	.16	1.14	.07	4.26	3.67	9.96	.83	2.40	Tr	22.70
Santa Clara			Tr		2.02	1.14	3.90	2.71	6.17	.93	1.02	.52	18.41
Santa Cruz	.02				2.50	2.09	4.93	7.70	8.69	1.50	3.85	.98	32.26
Santa Margarita					1.65	.50	10.32	4.35	8.34	2.78	6.92		34.81
Santa Maria	.02	Tr	.07	.15	1.37	.31	2.64	3.40	6.94	.55	2.39	.02	17.86
Santa Monica				1.37	1.11	Tr	3.95	2.70	6.69	1.32	1.43	Tr	
Santa Rosa			Tr	Tr	1.97	1.81	10.95	5.24	7.95	.72	3.31	1.23	33.18
Selma			Tr		1.22	.59	2.54	2.62	4.07	1.16	3.03		15.23
Shasta			Tr	Tr	3.05	3.28	14.16	11.27	16.46	2.34	6.47	2.35	53.38
Sierra Madre			Tr	.21	3.15	.45	5.05	3.19	14.97	2.84	2.77	.03	32.66
Sisson	Tr		.10	.21	2.07	3.16	10.10	4.81	11.77	1.35	2.73	2.46	38.76
Soledad					1.97	.40	1.10	2.18	3.54	.15	.94		10.28
Sonoma			Tr	Tr	1.74	1.80	8.18	5.10	7.46	.63	2.78	.51	28.20
Sonora			.20		2.85	1.95	13.63	5.82	15.92	4.50	5.42		
Stirling City		.65	.95		2.65	4.57	33.58	17.32	22.59	4.09	11.02	3.98	****
Stockton, S. H.			.04		.86	.51	4.69	2.85	5.88	1.74	1.70	.41	18.68
Storey					.97	.33	2.16	2.21	5.01	.71	2.21	.09	13.69
Suisun					1.30	.84	6.80	3.78	8.76	.50	2.41	.63	25.02
Summerdale			.55		4.30	2.16	26.41	8.20	25.41	5.91	11.28	.62	84.84
Summit	Tr		.50	.60	7.80	3.70	14.10	9.30	11.75	2.60	4.12	2.10	56.57
Susanville	.08	.52	.50	.17	1.21	.82	7.48	2.14	4.65	.27	1.60	.32	19.76
Tamarack							16.85	9.00	21.80	5.23	8.31	1.42	
Tehachapi			.25		3.25	1.25	2.50	2.69	4.39	2.75	1.53		18.61
Tehama					1.48	1.68	5.88	3.86	11.15	1.39	2.63	.72	28.78
Tejon Rancho			.35		1.90	2.28	1.73	2.66	4.37	1.32	1.85		
Tequisquita Rancho			.03		1.69	1.35	7.33	3.25	5.97	1.08	1.65	.32	22.67
Towle		.12	.29		2.90	5.62	15.56	10.91	14.56	4.76	10.15	3.82	68.70
Tracy					.94	.71	1.95	1.82	3.43	1.17	1.39	.36	11.77
Truckee			.25		3.40	2.90	12.11	3.80	4.21	1.26	3.70	.30	31.93
Tulare			.11	.03	.94	.52	2.14	1.13	4.82	1.33	2.95		13.97
Ukiah			Tr	.01	2.24	3.41	17.20	7.05	9.22	1.71	2.94	.97	44.75
Upland			.17	.02	2.96	.90	3.88	3.00	14.03	2.42	2.65	.20	30.23
Upper Lake				Tr	1.55	2.12	11.35	6.20	5.94	1.07	2.66	.76	31.65
Vacaville			Tr		1.60	.75	10.58	4.86	8.85	.58	3.04	.49	30.85
Valley Springs		.04			1.73	.88	6.65	4.20	8.86	2.90	2.17	.09	27.52
Visalia					1.32	.45	2.87	1.48	4.13	1.30	2.30		13.85
Wasco			Tr	Tr	.90	.30	.78	1.92	3.53	.82	.83		9.06
Watsonville					1.59	1.75	5.90	4.93	5.88	.34	2.43	.24	23.06
Westley					.75	.94	2.19	2.12	4.63	.40	.99		12.02
Wheatland			.12		1.11	1.35	7.68	4.37	7.93	.82	2.73	1.40	27.51
Willits					1.28	5.68	24.05	11.59	11.66	1.25	4.68	2.25	
Willows		Tr			1.10		4.80						
Woodland					2.25	.93	9.02	3.49	6.48	.40	1.76	.75	25.02
Woodside			Tr		3.97	2.92	11.59	5.36	10.02				
Zenla			.50	.93	6.03	6.55	21.27	12.37	12.07	1.05	4.93	4.81	70.01

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MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1905-06.

Complled by the United States Weather Bureau.

STATIONS.	1905						1906						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Alturas							29.5	37.2	35.8	47.0	50.0	56.6	
Angiola	81.6	79.0	73.0	63.2	51.6	40.0	46.4				65.2	67.6	
Antioch	76.2	75.8	73.0	63.7	52.8	45.6	46.1	48.8	55.2	60.1	59.8	77.4	61.2
Aptos	64.8	61.1	59.3	55.8	52.4	48.0	49.9	55.0	54.6	59.3	60.5	65.7	57.2
Auburn	77.6	78.6	70.0	65.1	56.9	46.0	51.8	52.4	51.9	61.0	66.5	72.6	62.6
Azusa	72.7	74.0	70.2	65.8	57.0	54.1	52.4	56.0	55.8	57.8	59.8	68.0	62.0
Bagdad	97.0	94.6	84.6	70.7	58.2	51.4	51.0	60.6		67.8	76.8	88.1	
Bakersfield	81.8	74.4	77.1	64.2	51.4	45.8	52.8	53.6	55.4	59.7	66.1	72.4	63.3
Barstow	82.1	82.6	74.4	63.8	51.7	48.0	50.0	59.8	63.6	57.2	63.8		
Berkeley	61.4	59.8	60.4	58.0	52.9	47.4	48.2	54.8	53.6	56.8	57.6	62.4	56.1
Biggs	81.0	83.9	75.8	64.8	53.6	47.0	49.7	53.9	52.9	58.2	63.0	70.2	62.8
Bishop	73.4	72.7	65.4	54.6	44.8	37.1	40.6	46.4	46.2	50.8	57.8	67.0	54.7
Blocksburg							43.9	47.3	45.6	53.0	53.5	57.4	
Blue Canon	65.4	65.2	59.5	50.4	41.6	38.0	40.4	41.0	36.0	43.2	48.0	52.9	48.5
Bodie	57.2	57.2	47.2	36.6	26.6	22.0	23.4	27.0	27.2	33.3	40.0	48.9	37.2
Branscomb	69.3	64.5	61.3	56.0	50.7	44.0	46.2	47.2	44.2	50.6	52.0	55.8	53.5
Brush Creek	73.0	70.8	63.3	54.0	45.2	38.8	41.7	46.1	44.7	52.8	56.0	62.1	54.0
Cabazon	84.6	80.9	76.3	69.4	59.8	51.7	48.5	53.7	53.3	59.2	65.0	77.6	65.0
Calxico	88.6	90.8	83.4	71.8	59.8	52.2	52.9	61.4	63.7	68.6	73.9	83.2	70.9
Callente	81.0	82.2	73.0	70.1	58.4	55.8	50.3	58.0	59.6	64.5	69.0	78.5	66.7
Callistoga	80.1	64.8	64.1	57.1	54.4	44.4	48.5	54.9	50.6	58.6	62.5	64.0	58.7
Campbell	65.4	63.8	63.0	58.8	52.4	45.6	48.6	53.8	53.1	55.0	57.6	61.6	56.6
Cedarville	74.9	71.6	62.2	46.0	36.5	24.8	29.6	35.6	35.2	47.6	51.3	58.0	47.8
Chico	80.1	78.0	70.4	61.4	51.8	43.7	49.0	54.1	52.8	60.1	64.0	69.7	61.3
Chino	75.0	75.7	71.1	65.1	56.2	51.0	51.2	56.7	55.7	60.3	64.0	77.4	63.3
Cisco	65.6	66.9	48.4	45.7	40.1	30.1	33.2	36.8	34.6	40.4	43.8	56.3	45.2
Claremont	72.7	75.4	71.6	66.8	57.0	52.8	52.4	55.9	55.4	57.8	60.0	69.5	62.3
Cloverdale	73.2	71.0	68.8	63.3	54.6	47.0	49.2	53.5	51.8	58.2	59.8	65.8	59.7
Colfax	77.6	75.7		58.0	48.6	42.0	51.4	51.4	46.5	53.2	55.6	61.6	
Colusa	77.4	75.3	70.5	62.6	52.6	44.8	47.7	49.2	48.8	55.9	59.0	63.8	53.0
Corning	82.5	79.5	72.3	62.5	53.5	49.5	51.2	52.1	51.9	60.0	64.8	68.4	62.4
Craftonville	77.4	84.9	77.6	70.5	54.0	46.6	49.5	55.9		62.1	61.2	75.2	
Crescent City	57.2	57.0	55.4	52.3	48.0	45.8	46.8	49.3	48.3	51.4	51.9	54.6	51.5
Cuyamaca	66.4	66.0	60.5	51.8	38.6	33.6	35.0	38.2	38.0	42.4	47.1	48.4	48.1
Davisville	80.5	77.0	73.0	65.3	57.8	51.3	55.3	55.0	57.4	60.2	63.6	72.8	64.1
Delano	91.6	88.8	77.6	66.7	55.7	44.4	50.5	54.8	52.2	65.1	77.8	86.5	67.6
Delta	78.6	76.5	69.0	59.3	50.2	44.6	48.2	50.4	48.4	59.5	61.2	65.0	59.2
Dobbins	81.0	78.9	73.6	65.5	56.6	49.6	51.7	54.2	53.6	59.8	64.0	66.1	62.9
Dunnigan	83.2	83.0	76.0	67.6	56.2	47.5	51.2	56.1	54.3	62.3	67.7	73.9	64.9
Dunsmuir	74.4	71.5	72.2	55.9	47.2	44.2	45.9	49.8	44.2	54.7	57.2	63.8	55.9
Durham	80.7	76.6	71.9	62.6	52.6	44.8	48.0	53.2	52.2	58.8	62.4	68.3	61.0
El Cajon	72.0	74.1	71.0	65.6	58.3	52.8	52.5	56.9	56.8	59.4	62.0	68.6	62.5
Electra	80.2	78.2	73.2	64.1	54.6	47.2	51.4	56.1	54.9	59.1	63.4	70.2	62.7
Elmwood	78.0	75.8	70.8	61.5	51.4	42.2	48.7	53.4	51.7	56.8	63.9	71.6	60.5
Elsinore	81.8	83.2	73.9	65.5	56.6	50.3	49.0	55.4	55.5	58.6	63.0	73.8	63.9
Emigrant Gap	71.0	71.2	62.6	48.5	42.4	36.7	36.0	30.6	35.4	43.2	48.4	56.0	49.4
Escondido	70.4	70.6	65.2	65.8	66.4	61.5	49.6	57.0	56.8	53.8	63.4	69.0	62.5
Eureka	56.6	56.9	57.0	53.2	49.0	46.6	48.2	51.4	48.8	51.8	52.5	55.5	52.3
Farmington	80.1	73.2	71.7	61.6	53.6	46.1	49.4	54.4	56.0	63.2	64.2	68.4	61.8
Farallon Island	54.2	55.1	54.8	55.0	54.8	52.6	51.7	54.8	53.1	54.1	53.8	55.2	54.1
Folsom	79.2	77.6	73.6	64.7	55.0	45.1	49.1	54.4	53.2	59.3	63.4	69.0	62.0
Fort Ross	57.8	58.2	56.8	53.9	50.7	46.9	47.8	52.5	49.8	52.6	55.1	57.6	53.3
Fresno	82.4	80.0	73.0	63.6	52.6	43.1	48.8	55.3	54.2	58.0	63.5	71.6	62.2
Fruto	79.8	76.6	71.4	69.3	54.0	46.9	50.8	55.3	51.4	56.4	64.1	71.3	62.3
Galt	68.0	68.5	67.5	66.2	54.9	48.4	47.1	51.2	51.8	55.5	61.5	69.4	59.2
Georgetown	75.3	73.7	68.0	59.5	50.6	44.4	46.1	48.2	45.1	52.0	55.1	62.4	56.7
Gilroy	64.1	62.4	60.2	52.1	48.4	41.5	47.4	50.4	51.0	54.7	58.0	63.7	54.5
Gold Run	73.7	75.4	70.2	60.7	49.8	45.7	41.1	48.6	44.8	55.5	55.0	61.6	57.3
Gonzales	59.7	59.4	58.5	52.7	58.5	44.6	48.2	51.0	47.2	56.2	56.4	64.1	54.7
Greenville	66.5	65.2	58.9	48.2	40.0	27.6	35.1	41.6	40.4	48.7	51.8	57.6	48.5
Guinda	81.0	76.3	70.6	62.6	47.5	38.6	40.4	45.3	45.9	48.8	52.7	68.0	56.5
Hanford	80.2	78.1	73.6	63.2	53.0	43.3	51.4	53.1	53.6	58.6	63.4	75.2	62.5
Healdsburg	71.6	69.8		63.0	53.8	47.8	49.5	54.3	53.5	59.0	60.8	66.8	
Heber							54.2	62.8	64.3	68.0	74.0	84.2	

MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1905-06—Continued.

STATIONS.	2005						1906						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Helen Mine.....	78.5	74.8	68.6	60.4	51.8	45.2	46.8	47.0	45.0	55.4	58.4	64.2	58.0
Hollister	66.8	65.0	64.7	60.4	52.0	45.7	49.5	53.9	53.6	55.4	57.8	62.8	57.3
Hornbrook	76.8	72.1	63.5	49.6	41.0	34.9	32.8	43.3	40.4	48.5	58.8	62.9	52.0
Idyllwild	68.9	69.2	63.2	54.2	42.3	38.8	41.1	43.0	41.4	45.3	49.7	59.8	51.4
Imperial	90.8	93.6	83.0	72.2	61.1	52.8	53.8	62.4	62.2	69.2	73.9	83.2	71.5
Independence	79.8	78.2	70.1	58.3	46.8	39.4	43.0	48.9	48.7	54.3	61.5	71.8	58.4
Indio	92.8	93.5	85.2	75.2	61.0	53.6	53.8	63.1	64.1	69.1	75.9	87.0	72.9
Ione	72.9	68.2	62.4	50.1	42.8	41.0	41.1	48.9	48.6	52.0	61.9	67.9	54.8
Iowa Hill.....	75.1	74.2	68.4	61.2	51.8	45.9	47.0	48.6	45.4	53.6	55.4	61.6	57.4
Jamestown	77.2	74.8	68.3	58.6	50.4	43.0	47.6	52.9	52.2	56.6	60.0	68.5	59.2
Keeler	86.4	82.0	70.5	60.8	49.9	49.8	46.8	49.8	-----	53.5	55.5	68.2	-----
King City.....	71.2	67.0	67.0	62.2	55.2	51.2	52.2	57.4	-----	53.2	58.0	63.4	-----
Knights Landing.....	80.0	74.4	72.1	63.8	-----	51.5	48.9	56.9	54.6	63.5	67.2	74.2	-----
La Perte.....	-----	-----	57.0	49.2	42.4	35.5	37.8	38.8	35.0	42.6	48.0	52.1	-----
La Grand.....	81.4	78.9	75.9	65.4	51.4	42.5	48.0	50.7	49.6	54.7	62.9	64.4	60.5
Lemon Cove.....	82.6	80.6	-----	66.8	56.6	45.0	49.2	56.1	56.4	59.8	64.6	73.1	-----
Lick Observatory.....	71.3	70.2	62.2	56.4	46.2	41.6	43.3	43.6	40.2	45.6	48.6	56.4	52.1
Livermore	70.6	69.4	68.8	62.4	54.6	46.8	49.6	54.4	53.2	56.8	59.8	65.8	59.4
Lodi	72.4	70.8	67.0	58.8	54.0	42.4	46.8	53.7	52.8	57.4	60.3	67.0	58.4
Lone Pine.....	74.2	72.8	66.4	54.8	45.5	37.8	42.4	48.4	48.8	53.8	60.2	68.2	56.1
Los Angeles.....	69.2	70.4	68.9	65.8	59.2	57.0	55.8	58.4	57.8	59.2	60.0	67.1	62.4
Los Banos.....	78.2	78.2	74.4	61.5	51.8	48.4	53.5	55.9	53.9	62.8	62.8	70.4	62.6
Los Gatos.....	70.2	68.0	66.7	62.2	54.6	47.8	49.7	53.6	52.4	56.6	57.2	63.2	58.5
Magalia	81.6	77.6	71.4	62.1	52.9	45.1	47.6	51.1	46.8	55.1	50.4	55.6	58.1
Mammoth Tank.....	95.0	89.2	86.0	70.8	57.2	50.2	52.6	62.9	63.8	65.2	71.2	85.6	70.8
Marysville	77.0	75.3	69.6	62.0	51.8	43.6	48.6	54.2	53.4	60.2	62.7	69.4	60.6
Mecca	-----	-----	-----	-----	-----	-----	52.0	59.8	62.4	68.4	74.6	83.7	-----
Mendota	84.8	84.1	75.8	64.5	55.3	41.4	45.3	55.4	59.6	63.6	74.1	74.9	64.9
Menlo Park.....	71.6	67.0	67.8	60.7	55.5	48.6	49.7	54.4	54.9	59.0	60.9	67.8	59.8
Merced	77.8	74.6	69.8	62.6	51.9	43.6	48.6	54.9	53.6	57.6	61.8	69.6	60.5
Milton (near).....	78.6	76.0	72.0	64.4	55.0	45.2	47.2	54.0	53.4	57.6	60.7	68.2	61.0
Modesto	80.0	79.0	73.7	71.3	55.2	50.6	50.6	62.2	59.3	63.0	63.2	77.0	65.4
Mojave	95.8	90.8	79.3	77.0	56.4	46.0	46.9	52.2	54.6	56.5	65.2	77.4	66.5
Mokelumne Hill.....	77.1	76.4	71.2	63.2	53.4	47.2	48.2	52.0	49.6	54.3	57.0	65.0	59.6
Mono Ranch.....	68.2	68.0	64.0	55.4	46.0	42.7	43.1	47.6	46.4	49.3	53.8	62.6	53.9
Montague	75.7	72.3	63.2	51.6	39.0	32.4	32.0	41.8	41.7	52.7	55.0	60.8	51.5
Monterey	62.7	62.7	62.7	59.2	54.8	50.9	54.6	60.3	57.8	58.1	59.1	62.9	58.8
Monterio	78.6	75.5	67.8	57.4	49.6	46.1	41.9	49.2	46.0	-----	56.7	61.2	-----
Monumental	68.4	65.0	58.4	50.0	43.8	36.6	38.2	42.6	40.6	49.2	50.0	54.0	49.7
Mt. Tamalpais.....	71.4	69.0	65.2	60.7	51.8	45.4	47.0	48.3	45.6	50.8	52.0	58.7	55.5
Napa City.....	68.0	67.0	66.6	60.4	52.6	46.7	49.4	54.4	53.4	57.6	58.3	66.0	58.3
Napa S. H.....	69.8	69.1	67.5	62.4	52.4	43.0	45.9	54.4	51.9	57.4	59.4	64.8	58.2
Needles	93.5	93.2	83.2	69.2	59.2	51.4	54.4	64.2	64.8	70.2	77.6	88.0	72.4
Nevada City.....	70.4	69.8	63.9	55.8	48.8	42.6	45.0	46.6	44.6	50.8	54.0	59.8	54.3
Newcastle	80.8	79.4	75.1	66.8	56.4	46.5	48.2	53.2	51.6	57.8	61.6	68.0	62.1
Newhall	73.6	75.3	69.3	62.2	52.0	46.4	47.9	50.4	53.7	55.6	59.7	71.6	59.8
Newman	79.3	78.0	73.5	64.0	53.4	43.0	48.2	55.3	53.8	59.6	65.3	73.4	62.2
Niles (near).....	67.8	66.2	64.8	60.0	54.0	47.6	49.6	54.7	54.0	56.6	60.2	64.1	58.3
Nimshew	-----	-----	-----	-----	-----	-----	45.5	48.0	47.7	56.4	60.2	68.0	-----
North Bloomfield.....	72.6	72.6	65.6	55.8	46.7	41.6	-----	43.8	42.2	50.1	53.0	59.6	-----
Oakdale	77.0	74.6	70.6	59.3	49.3	40.0	45.4	51.4	51.0	55.4	60.2	68.3	58.5
Oakland	64.0	62.9	63.0	59.4	54.6	48.3	50.0	55.0	54.8	58.2	59.8	64.0	57.8
Ojai Valley.....	-----	-----	-----	-----	-----	-----	53.5	56.6	55.4	56.3	58.6	66.9	-----
Orland	81.7	79.9	74.5	64.6	54.2	46.0	48.8	-----	-----	-----	-----	-----	-----
Orleans	81.0	77.0	71.1	61.8	49.6	45.2	45.9	52.2	52.0	62.4	64.8	68.1	60.9
Oroville (near).....	79.4	76.6	72.8	58.4	52.8	45.2	48.4	53.9	52.7	59.2	63.4	72.8	61.3
Palermo	78.5	76.5	70.4	61.2	51.9	45.1	48.0	53.1	52.1	58.8	62.8	68.6	60.0
Palm Springs.....	96.0	92.7	83.7	75.6	61.9	55.2	51.6	-----	63.6	67.7	73.0	82.8	-----
Paso Robles.....	69.8	67.2	68.5	55.5	47.1	41.2	45.1	54.1	49.2	56.8	61.2	66.4	56.7
Peachland	64.8	63.7	64.2	59.6	52.8	45.8	48.2	53.0	51.3	56.0	56.5	61.4	56.0
Pine Cresta.....	64.8	67.6	67.6	65.4	58.8	56.7	55.1	56.8	55.2	57.8	56.4	66.0	60.0
Placerville	71.2	68.8	62.4	53.4	47.0	41.1	44.7	49.3	48.6	53.2	56.5	63.3	55.0
Point Lobos.....	70.8	60.5	62.0	61.7	59.5	55.8	55.9	58.2	56.5	58.6	57.8	60.2	59.0
Point Reyes.....	54.9	54.4	55.4	55.6	55.1	51.4	51.7	54.2	51.6	53.8	53.2	54.6	53.0
Porterville	89.9	79.6	73.2	63.0	53.6	44.5	50.2	56.4	56.0	59.8	64.8	71.8	60.0
Poway	2.1	74.0	70.8	65.3	58.0	52.6	51.6	57.8	57.7	59.3	63.2	67.2	60.0
Quincy	67.3	-----	58.0	47.0	38.0	27.4	31.7	38.6	38.5	47.4	51.2	66.6	-----
Red Bluff.....	32.8	80.2	73.4	61.8	53.7	45.2	48.6	53.0	51.7	59.7	63.6	69.5	62.2

MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1905-06—Continued.

STATIONS.	1905						1906						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Redding	82.6	79.6	72.4	63.9	52.3	45.4	48.8	52.4	51.0	60.4	63.4	68.2	61.7
Redlands	75.5	77.4	73.4	60.8	56.2	52.6	52.4	56.0	55.8	58.6	61.5	70.9	63.1
Reedley	82.2	79.7	73.2	63.0	52.2	43.8	49.1	56.0	54.5	58.1	64.3	72.2	62.4
Rialto (near)							53.4	57.5	54.4	59.0	58.6	68.8	
Rio Vista	72.9	71.6	69.6	62.8	53.5	43.8	47.4	54.3	52.1	57.7	60.9	68.8	59.4
Riverside	72.4	73.7	69.6	63.5	55.2	50.8	51.7	56.1	55.8	58.2	59.8	67.9	61.2
Rocklin	76.4	74.9	71.5	61.8	52.6	44.1	48.4	53.7	53.0	50.5	61.7	68.0	60.4
Sacramento	72.9	72.0	68.9	62.6	53.2	44.4	48.7	53.8	52.8	58.4	60.4	66.5	59.6
Salinas				60.6	54.2	49.2	52.0	56.0		57.2	57.6		
Salton	91.0	95.1	82.6	70.0	61.6	51.3	48.5	56.2		62.1		83.9	
San Bernardino	75.2	76.1	71.7	64.6	55.2	52.0	51.6	57.0	56.0	59.0	62.6	70.4	62.6
San Diego	65.2	67.4	66.4	63.8	59.2	56.0	54.6	58.0	57.8	58.2	60.0	64.8	61.0
San Francisco	59.5	58.4	60.4	60.4	56.2	50.7	51.6	55.2	54.0	56.4	56.2	59.4	56.5
San Jacinto	71.1	72.7	70.3	63.7	54.3	48.9	49.4	54.2	53.6	59.0	62.7	72.0	61.0
San Jose	68.7	66.9	66.3	61.1	53.8	47.4	50.0	54.8					
San Leandro	64.5				52.2	44.8	48.0	53.8	54.5	56.6	59.8	64.0	
San Luis Obispo	64.6	64.0	63.1	61.1	55.9	52.7	53.3	56.2	54.6	56.8	57.5	62.5	58.5
San Mateo	70.0	66.7	66.6	62.9	59.1	51.6	55.1	57.0	55.3	60.2	63.1	69.4	61.4
San Miguel	77.1	75.3	71.8	60.8	55.7	46.0	49.7	55.7	54.5	59.1	63.1	72.6	61.8
Sanger	81.2	83.4	70.5	66.2	59.5	45.9	51.0	56.0	56.3	61.2	66.1	76.9	64.5
Santa Barbara	65.6	66.2	66.5	64.4	59.8	55.8	54.8	58.4	56.4	57.8	58.2	65.1	60.8
Santa Clara	67.8	65.5	64.4	59.6	53.5	46.8	50.4	55.6	54.2	56.6	59.0	63.3	58.1
Santa Cruz	62.8	61.8	61.4	57.8	53.3	48.6	50.5	54.6	53.2	56.9	57.3	61.6	56.6
Santa Margarita	72.2	70.8	67.9	57.2	50.1	46.2	49.6	55.6	49.8	57.6	57.6	67.2	58.5
Santa Maria	64.1	63.6	62.4	56.8	56.2	51.4	53.0	56.8	56.9	58.0	59.0	63.1	58.7
Santa Monica							54.0	56.0	55.0	54.9	56.2	61.2	
Santa Rosa	65.8	64.6	65.1	59.6	53.0	45.2	48.2	52.6	51.8	55.4	56.6	61.9	56.6
Selma	82.8	82.2	74.3	61.0	52.3	41.2	47.0	53.2	53.8	57.7	60.8	75.0	61.8
Shasta	85.0	81.0	81.3	64.4	56.4	47.7	49.0	52.8	50.8	61.4	64.1	69.2	63.6
Sierra Madre	69.8	71.0	69.2	65.4	57.2	54.8	53.6	56.8	55.4	57.3	58.5	67.0	61.3
Siason	73.0	69.6	60.0	48.4	40.8	32.1	35.8	39.7	38.2	48.7	53.5	58.2	49.5
Soledad	66.5	68.5	71.6	63.7	55.0	48.6	52.1	59.1	56.9	60.6	65.8	69.1	61.5
Sonoma	66.0	65.0	64.6	59.8		46.4	47.8	54.4	52.8	55.9	58.3	65.1	
Sonora	83.9	81.2	72.4	60.9	49.6	41.6	50.2	52.4	51.9	59.2	61.8		
Stirling City							42.6	45.6	43.8	49.7	52.6	58.6	
Stockton S. H.	73.6	71.6	68.4	60.8	49.7	42.5	46.2	51.1	50.6	54.1	58.6	67.2	57.9
Storey	78.7	77.2	71.0	61.0	49.8	52.0	46.8	53.2	50.2	54.2	60.8	67.6	59.4
Suisun	66.1	64.5	64.2	56.9	49.9	42.0	44.8	51.9	52.2	57.0	57.4	63.0	55.8
Summerdale	68.4	68.1	62.0	54.3	44.3	39.9	39.6	41.8	38.0	42.6	47.6	56.2	50.2
Summit	68.8	70.2	59.4	50.3	43.2		31.1	37.2	36.7	44.8	48.6	56.4	
Susanville	68.8	67.4	58.4	45.6	37.6	23.0	30.8	37.8	39.0	47.6	51.6	58.2	47.2
Tamarack							34.0	28.8	36.3	39.7	40.2	45.7	
Tehachapi	74.2	76.0	70.0	65.4	57.3	37.6	44.5	41.2	40.7	46.6	50.0	61.6	55.4
Tehama	84.9	77.8	69.4	62.0	51.8	45.9	50.1	58.0	49.2	54.2	67.1	73.8	61.6
Tejon Rancho	81.4	78.8	72.8	64.1	53.2	45.0	49.7	54.2	54.2	54.6	65.8		
Tequisquita Rancho	67.6	65.7	64.0	59.4	51.5	46.0	50.8	54.6	54.0	57.8	58.2	64.6	57.8
Towle	70.4	68.6	62.8	53.7	45.5	39.0	39.7	44.6	42.4	48.1	50.7	57.9	52.0
Tracy	80.8	75.6	72.1	63.3	54.6	45.2	50.2	54.9	54.1	56.2	59.8	67.4	61.2
Truckee	64.9	61.2	57.0	48.8	36.4	22.3	27.2	32.6	34.7	44.8	40.8	54.0	43.7
Tulare	79.4	77.4	71.0	61.4	52.5	44.4	50.2	56.1	56.4	58.8	63.3	71.6	61.9
Ukiah	73.0	71.0	66.6	59.0	50.2	43.3	47.7	51.2	50.1	56.2	58.1	63.0	57.4
Upland	69.4	72.3	68.4	62.4	52.4	49.3	47.2	53.5	53.4	56.2	58.8	68.1	59.3
Upper Lake	73.4	70.7	64.6	56.1	51.4	44.6	47.6	51.2	50.0	57.4	59.2	64.2	57.5
Vacaville	73.6	72.6	67.8	62.3	54.3	46.2	49.3	54.0	52.2	57.8	60.2	66.5	59.9
Valley Springs	79.4	78.2	73.8	64.2	55.4	45.8	49.6	55.0	53.9	61.1	64.2	72.3	62.7
Visalia	79.3	77.4	71.6	63.8	51.9	43.8	48.4	52.4	51.4	57.9	61.0	69.9	60.7
Wasco	82.7	80.6	73.2	61.6	52.0	42.0	47.6	55.6	55.5	57.8	64.4	72.4	62.1
Watsonville	63.4	65.6	62.4	56.9	53.5	50.6	52.0	55.6	55.0	60.2	63.1	69.7	59.0
Westley	81.1	78.2	73.9	65.2	57.2	46.0	47.8	53.7	53.8	62.8	67.5	76.1	63.6
Wheatland	77.0	74.6	69.4	60.1	51.4	43.0	47.1	52.4	52.2	58.0	61.8	68.0	59.6
Willits	69.4	68.2		60.4	48.9	45.0	47.7	50.8	49.4	56.2	57.9	60.2	
Willows	79.8	83.8	78.4	68.4	58.8		52.9						
Woodland	82.6	79.0	78.1	69.2	56.4	47.0	50.4	56.1	54.6	62.9	66.8	73.4	64.7
Woodside	67.6	65.2	64.0	59.3	53.0	45.6	48.6	53.4	52.5				
Zenia	67.0	64.2	60.8	54.1	48.4	52.7	44.2	46.1	42.4	49.8	50.5	54.4	52.0

NORMAL CLIMATOLOGICAL DATA FOR SAN FRANCISCO, CALIFORNIA, FOR THIRTY-SEVEN YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month....	50°	52°	54°	55°	57°	59°	59°	59°	61°	60°	56°	52°
Highest mean.....	55°	57°	58°	59°	60°	62°	62°	63°	65°	64°	59°	54°
Year.....	1873	1886	1885	1880	1890	1888	1885	1894	1889	1887	1894	1875
Lowest mean.....	46°	48°	49°	52°	53°	56°	56°	56°	58°	57°	53°	49°
Year.....	1890	1887	1897	1896	1898	1894	1901	1891	1899	1881	1897	1895
Highest.....	78°	80°	80°	88°	97°	100°	98°	92°	101°	94°	83°	72°
Date and Year....	26th 1889	18th 1899	7th 1892	14th 1888	28th 1887	29th 1891	7th 1905	22d 1891	8th 1904	8th 1899	16th 1895	8th 1888
Lowest.....	29°	33°	33°	40°	44°	47°	47°	47°	49°	45°	38°	34°
Date and Year....	15th 1888	5th 1887	3d 1896	7th 1891	16th 1894	19th 1893	31st 1893	8th 1893	30th 1894	14th 1881	27th 1896	24th 1891
<i>Precipitation</i>												
Mean for Month....	4.53	3.50	3.05	1.85	0.76	0.21	0.02	0.01	0.31	0.31	2.72	4.11
Greatest fall.....	24.36	12.52	8.75	10.06	3.52	2.57	0.23	0.21	5.07	7.28	11.78	15.11
Year.....	1862	1878	1879	1880	1883	1884	1886	1864	1904	1889	1885	1871
Lowest fall.....	0.58	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year.....	1852	1864	1898	1857	*	*	*	*	*	*	1890	1870
Greatest rainfall in 24 hours, date and year.....	4.67 29th 1881	3.60 4th & 5th 1887	3.61 4th & 5th 1879	2.43 23d & 24th 1896	1.29 4th & 5th 1889	1.23 11th & 12th 1884	0.23 16th 1886	0.06 29th & 30th 1896	3.09 23d 1904	2.03 17th & 18th 1889	3.98 23d 1874	1.71 12th 1871
Average No. days with .01 of an in. or more.....	11	10	10	7	4	2	1	0	2	4	7	11
<i>Clouds & Weather</i>												
Average No. Clear days.....	11	10	11	12	13	14	12	10	14	16	15	12
Average No. partly cloudy days.....	10	10	11	12	12	11	14	15	12	11	9	10
Average No. Cloudy days....	10	8	9	6	6	5	6	6	4	4	6	9
<i>Wind</i>												
Prevailing direct'n	N	SW	W	W	W	W	SW	SW	W	W	W	SE
Highest velocity.	57	49	60	47	45	48	41	42	40	41	56	60
Direction.....	SE	S	S	NW	W	SW	W	SW	W	W	SE	SE
Date.....	3d	25th	1st	23d	11th	30th	15th	2d	27th	10th	30th	23d
Year.....	1901	1902	1902	1871	1897	1873	1898	1893	1899	1899	1892	1892

* Many years.

FROSTS

Average date of first "Killing" in autumn, December 10th.
Average date of last "Killing" in spring, January 25th.

NORMAL CLIMATOLOGICAL DATA FOR FRESNO, CALIFORNIA,
FOR SIXTEEN YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month....	45°	51°	54°	61°	67°	75°	82°	81°	74°	63°	55°	46°.
Highest mean..... {	51°	54°	59°	67°	72°	80°	85°	86°	83°	69°	59°	49°
Year..... {	1896	1898	1900	1888	1897	1889	1889	1888	1888	1888	1894	1896
Lowest mean..... {	42°	47°	49°	55°	63°	69°	79°	75°	68°	60°	52°	44°
Year..... {	1898	1890	1897	1896	1899	1894	1895	1899	1893	1899	1897	1895
Highest..... {	70°	80°	86°	101°	104°	112°	115°	113°	111°	98°	82°	72°
Date and Year.... {	31st	20th	6th	25th	21st	30th	8th	11th	24th	4th	7th	5th
	1904	1896	1899	1898	1892	1891	1905	1898	1888	1889	1894	1895
Lowest..... {	20°	24°	28°	34°	38°	45°	51°	50°	44°	36°	27°	23°
Date and Year.... {	1st	6th	1st	5th	1st	2d	8th	31st	22d	17th	25th	21st
	1888	1899	1888	1895	1899	1899	1891	1887	1895	1892	1898	1897
<i>Precipitation</i>												
Mean for Month....	1.54	1.34	1.75	1.11	0.50	0.18	T	0.01	0.26	0.67	1.15	1.79
Greatest fall..... {	4.14	4.35	4.22	3.42	1.69	1.16	0.07	0.15	1.78	3.21	9.54	4.09
Year..... {	1895	1884	1893	1884	1884	1893	1896	1896	1904	1904	1885	1894
Lowest fall..... {	0.34	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.33
Year..... {	1889	1885	1887	1898	1897	*	*	*	*	1890	1884	1900
Greatest rainfall {	1.46	1.48	1.22	1.68	1.02	0.74	0.06	0.15	1.12	2.38	1.33	2.10
in 24 hours, date {	4th&	9th	20th	24th	7th	5th	25th	30th	29th	6th	16th	29th-
and Year..... {	5th	1893	1893	1896	1905	1894	1896	1896	1890	1904	1888	30th
	1895											1891
Average No. days {	8	6	8	3	3	1	0	0	1	3	4	9
with .01 of an in. {												
or more..... {												
<i>Clouds & Weather</i>												
Average No. {	9	15	13	19	21	26	29	25	25	20	17	9
Clear days..... {												
Average No. {	8	7	10	8	7	3	2	6	3	7	7	9
Partly cloudy {												
days..... {												
Average No. {	14	6	8	3	3.	1	0	0	2	4	6	13
Cloudy days... {												
<i>Wind</i>												
Prevailing direct'n	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW
Highest velocity. {	32	30	38	30	34	30	24	24	26	25	30	25
Direction..... {	NW	NW	SE	NW	NW	NW	E	N	W	W	W	NW
Date..... {	16th	10th	2d	15th	30th	17th	4th	4th	20th	16th	30th	29th
Year..... {	1895	1894	1896	1894	1894	1891	1896	1891	1895	1892	1892	1887

* Many years.

FROSTS

Average date of first "Killing" in autumn, December 1st.

Average date of last "Killing" in spring, March 19th.

NORMAL CLIMATOLOGICAL DATA FOR SACRAMENTO, CALIFORNIA, FOR FIFTY-SIX YEARS.

Compiled by the United States Weather Bureau.

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Temperature</i>												
Mean for Month...	46°	50°	55°	59°	64°	70°	74°	73°	70°	63°	54°	47°
Highest mean Year...	53° 1873	55° 1877	60° 1885	63° 1857	70° 1865	77° 1853	81° 1854	77° 1888	76° 1853	78° 1853	58° 1894	51° 1861
Lowest mean Year...	42° 1883	46° 1880	49° 1880	53° 1896	58° 1860	65° 1894	69° 1859	66° 1873	65° 1854	58° 1881	49° 1880	43° 1890
Highest Date and Year...	72° 30th 1899	80° 18th 1899	80° 30th 1882	89° 28th 1898	98° 20th 1863	106° 30th 1891	110° 8th 1905	110° 11th 1898	106° 11th 1888	96° 3d 1885	78° 1st 1890	69° 8, 9th 1893
Lowest Date and Year...	19° 14, 15 1888	21° 13th 1884	29° 15th 1880	36° 17th 1892	39° 12th 1860	44° 1st 1890	48° 17th 1857	48° 30th 1887	44° 18th 1862	36° 11th 1881	27° 28th 1880	24° 29th 1876
<i>Precipitation</i>												
Mean for Month.	3.83	2.80	2.85	1.74	0.80	0.12	0.08	0.01	0.18	0.76	2.09	4.37
Greatest fall Year...	15.04 1862	8.50 1854	10.00 1850	14.20 1880	3.25 1889	1.45 1884	0.63 1860	0.20 1896	3.02 1904	6.02 1889	11.34 1885	13.40 1852
Lowest fall Year...	0.15 1899	0.04 1899	0.04 1898	T 1875	0.00 *	0.00 *	0.00 *	0.00 *	0.00 *	0.00 *	0.00 1890	0.00 1876
Greatest rainfall in 24 hours, date and year	2.66 29th 1881	2.48 4th & 5th 1887	2.94 8th & 9th 1884	7.24 21st 1880	1.94 5th 1889	0.82 11th & 12th 1894	0.04 4th 1895	0.20 30th 1896	2.15 23d 1904	1.86 21st & 22d 1889	4.29 17th & 18th 1885	2.96 2d 1880
Average No. days with .01 of an in. or more	9	8	9	6	4	1	0	0	2	3	5	10
<i>Clouds & Weather</i>												
Average No. Clear days.	12	12	14	15	20	24	29	29	25	22	19	11
Average No. partly Cloudy days	9	9	9	10	8	5	2	2	4	7	6	9
Average No. Cloudy days	10	7	8	5	3	1	0	0	1	2	5	11
<i>Wind</i>												
Prevailing direct'n	SE	SE	SE	S	SW	S	S	S	W	S	N	SE
Highest velocity	48	48	48	39	44	42	30	28	36	48	48	60
Direction	SE	NW	SE	NW	NW	NW	NW	SW	NW	S	S	SE
Date	9th	10th	29th	22d	9th	12th	1st	5th	2d	20th	30th	9th
Year	1865	1894	1892	1897	1895	1896	1892	1896	1889	1894	1892	1899

* Many years.

FROSTS

Average date of first "Killing" in autumn, November 15th.

Average date of last "Killing" in spring, February 16th.

NORMAL CLIMATOLOGICAL DATA FOR LOS ANGELES, CALIFORNIA, FOR TWENTY-SIX YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month....	54°	55°	57°	60°	63°	67°	71°	71°	70°	64°	60°	56°
Highest mean.....	58°	60°	62°	63°	66°	71°	74°	75°	74°	68°	66°	61°
Year.....	1896	1896	1885	1885	1885	1883	1891	1885	1888	1890	1890	1890
Lowest mean.....	49°	51°	52°	56°	60°	63°	65°	68°	60°	60°	56°	53°
Year.....	1890	1888	1880	1896	1894	1894	1880	1900	1880	1886	1880	1891
Highest.....	87°	88°	99°	99°	103°	105°	109°	106°	108°	105°	96°	88°
Date and Year....	9th 1896	16th 1896	29th 1879	13th 1888	25th 1896	7th 1890	25th 1891	19th 1885	21st 1885	3d 1885	3d 1890	3d 1878
Lowest.....	30°	28°	31°	38°	40°	46°	49°	50°	44°	40°	34°	30°
Date and Year....	29th 1880	6th 1883	9th 1893	21st 1896	16th 1883	13th 1894	12th 1888	6th 1883	23d 1880	22d 1892	19th 1886	14th 1878
<i>Precipitation</i>												
Mean for Month....	2.90	3.09	2.85	1.17	0.47	0.06	0.02	0.04	0.05	0.80	1.26	3.53
Greatest fall.....	7.83	13.37	12.36	5.06	2.06	1.39	0.24	0.61	0.73	6.95	6.53	15.80
Year.....	1890	1884	1884	1880	1892	1884	1886	1889	1894	1889	1900	1889
Lowest fall.....	0.20	T	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T
Year.....	1887	*	1885	1897	1886	*	*	*	*	1891	*	1900
Greatest rainfall	4.17	3.94	3.18	2.20	1.76	0.87	0.24	0.61	0.71	3.62	3.75	4.30
in 24 hours, date	25th- 26th	14th- 15th	3d & 4th	9th & 10th	2d & 3d	13th	14th	31st	30th	21st	28th & 29th	11th- 12th
and year.....	1890	1887	1884	1884	1892	1884	1886	1889	1894	1889	1892	1889
Average No. days	6	6	7	6	3	1	0	0	0	3	3	7
with .01 of an in.												
or more.....												
<i>Clouds & Weather</i>												
Average No.	17	14	12	11	11	10	12	14	17	18	19	17
Clear days.....												
Average No.	8	9	12	12	14	17	18	16	12	10	8	9
partly cloudy												
days.....												
Average No.....	6	5	7	7	6	3	1	1	1	3	3	5
Cloudy days.....												
<i>Wind</i>												
Prevailing direct'n	NE	NE	W	W	W	W	W	W	W	W	W	NE
Highest velocity	48	40	46	42	30	24	22	22	28	34	43	37
Direction.....	NE	W	SW	W	NW	W	W	W	W	NE	NE	E
Date	8th	17th	12th	12th	1st	9th	14th	18th	16th	7th	9th	14th
Year.....	1882	1884	1881	1883	1887	1892	1886	1885	1882	1887	1881	1887

* Many years.

FROSTS

Average date of first "Killing" in autumn—none reported.
Average date of last "Killing" in spring, March 19th.

AL CLIMATOLOGICAL DATA FOR RED BLUFF
FORNIA, FOR TWENTY-SIX YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.
<i>Temperature</i>										
Mean for Month....	45°	49°	55°	59°	67°	75°	82°	81°	73°	64°
Highest mean..... { Year..... }	50° 1881	54° 1886	61° 1885	67° 1888	73° 1897	81° 1878	86° 1887	84° 1885	81° 1888	71° 1887
Lowest mean..... { Year..... }	39° 1890	43° 1887	48° 1897	52° 1896	60° 1899	69° 1894	78° 1884	74° 1889	60° 1882	56° 1881
Highest { Date and Year.... }	77° 27th 1890	82° 25th 1888	86° 9th 1892	96° 24th 1898	110° 29th 1887	110° 30th 1891	115° 8th 1887	114° 22d 1891	108° 1st 1891	97° 5th 1892
Lowest { Date and Year.... }	18° 14th 1888	22° 14th 1884	28° 16th 1880	34° 15th 1896	37° 7th 1879	44° 1st 1898	53° 1st 1881	52° 27th 1881	46° 12th 1893	32° 14th 1881
<i>Precipitation</i>										
Mean for Month....	4.74	3.57	3.19	2.06	1.34	0.50	0.02	0.04	0.63	1.30
Greatest fall..... { Year..... }	20.71 1878	16.66 1878	7.81 1884	7.05 1880	3.02 1892	2.61 1880	0.17 1891	0.54 1896	4.86 1904	8.41 1889
Lowest fall { Year..... }	0.51 1887	0.01 1899	T 1885	0.53 1888	0.18 1884	0.00 *	0.00 *	0.00 *	0.00 *	0.00 1887
Greatest rainfall } in 24 hours, date and year..... }	5.11 16th 1878	3.80 17th 1878	2.17 9th 1884	2.03 20th 1880	1.67 9th & 10th 1890	0.84 3d & 4th 1888	0.10 9th 1891	0.54 29th & 30th 1896	3.86 23d 1904	1.70 20th 1888
Average No. days { with .01 of an in. or more..... }	11	9	11	9	6	3	1	2	2	1
<i>Clouds & Weather</i>										
Average No. { Clear days..... }	13	13	9	13	16	22	28	29	25	
Average No. { partly cloudy days..... }	9	9	11	11	10	6	3	2	4	
Average No. { Cloudy days..... }	9	7	11	6	5	2	0	0	1	
<i>Wind</i>										
Prevailing direct'n	N	N	N	S	S	S	S	S	NW	
Highest velocity } Direction..... }	60 N	52 N	42 S	48 NW	40 S	42 S	36 S	26 S	4 N	
Date }	9th	18th	9th	15th	6th	14th	8th	31st	30th	
Year..... }	1880	1880	1884	1880	1889	1888	1887	1889	18	

* Many years.

FROSTS

Average date of first "Killing" in autumn, Novem
Average date of last "Killing" in spring, March 1

APPENDIX.

RATES OF COMMISSIONS AND BROKERAGE.

TO BE CHARGED WHERE NO EXPRESS AGREEMENT TO THE CONTRARY EXISTS.

Adopted by the Chamber of Commerce of San Francisco, May 9th, 1871, as Amended to Date.

Commission on purchase of stocks, bonds and all kinds of securities, including the drawing of bills, for payment of same	1 per ct.
On sale of stocks, bonds and all kinds of securities, with guarantee of sale, and remittance in bill.....	1 per ct.
(But in this and all other cases where no charge is made for guarantee of Bill of Exchange, the party shall remit in first-class paper, without guarantee, unless the Bill be endorsed by him.)	
On purchase or sale of specie, gold dust or bullion, on amounts not exceeding \$20,000.....	1 per ct.
On purchase or sale of specie, gold dust or bullion, on any excess over \$20,000.....	½ per ct.
For drawing or endorsing bills of exchange.....	1½ per ct.
On sale of bills of exchange without endorsement.....	1 per ct.
On sale of merchandise from domestic Atlantic ports, with guarantee	5 per ct.
On sale of merchandise from foreign ports, with guarantee..	7½ per ct.
On goods received on consignment, and afterwards withdrawn, on invoice cost.....	2½ per ct.
(The receipt of the Bill of Lading to be considered equivalent to receipt of the goods.)	
On purchase and shipment of merchandise, with funds in hand, on cost and charges, when not exceeding \$2,500....	5 per ct.
On purchase and shipment of merchandise, with funds in hand, on excess over \$2,500.....	3½ per ct.
On purchase and shipment of merchandise without funds in hand, on cost and charges.....	5 per ct.
For collecting and remitting delayed or litigated accounts..	10 per ct.
For collecting general claims.....	2½ per ct.
For collecting and paying or remitting money from which no other commission is derived.....	1 per ct.
For collecting freight by vessels from domestic Atlantic ports, on amount of freight list or charter party.....	2½ per ct.
For collecting freight by vessels from foreign ports, on amount collected	2½ per ct.

For attending to general average matters and collecting contributions,

on the first \$10,000, or any smaller amount..... 5 per ct.

on any excess over \$10,000 to \$30,000.....2½ per ct.

on any excess over \$30,000..... 1 per ct.

(A deposit to cover probable amount of contribution, or security to the satisfaction of the merchant attending to the matter, to be furnished by the claimant of goods.)

For landing and re-shipping goods at this port from vessels in distress, on market value.....1¼ per ct.

(The merchant entitled to such commission being held in all cases to have assumed the responsibility of the safe keeping of the Cargo, except as to damage resulting from natural accidents.)

For accepting and paying a bottomry on respondencia bond.2½ per ct.

(Interest to be also allowed for the time used.)

On purchase or sale of vessels.....2½ per ct.

For entering, clearing and transacting ship's business on vessels with cargo or passengers, on vessels under 500 tons register \$100

on vessels from 500 to 1,000 tons register.....\$150

on vessels over 1,000 tons register.....\$200

(If the vessel be chartered and cleared by different consignees, the commission not to exceed one-half of the above rates to each.)

For disbursements of vessels by consignees, with funds in hand 2½ per ct.

For disbursements of vessels by consignees, without funds in hand 5 per ct.

For procuring freight or passengers..... 5 per ct.

For chartering vessels, on amount of freight, actual or estimated, to be considered due when the charter is effected.. 5 per ct.

(But no charter to be considered as effected or binding until a memorandum or one of the copies of the charter party has been signed. Where no special rate of exchange is stipulated on outward charters, payable in sterling, the pound sterling to be valued at \$4.86 U. S. gold coin.)

On giving bonds for vessels under attachment in litigated cases, on amount of liability.....2½ per ct.

For receiving and transhipping, or otherwise forwarding goods, on invoice amount, on the first \$3,000, or any smaller amount 2½ per ct.

For receiving and transhipping, or otherwise forwarding goods, on invoice amount, on any excess over \$3,000..... 1 per ct.

For effecting marine insurance, when no commission for sale or purchase is charged, on amount of premium..... 5 per ct.

The foregoing commissions to be exclusive of brokerage and every charge actually incurred.

Brokerage, on purchase or sale of merchandise..... 1 per ct.

On bonded goods in warehouse, as per class, per month, 37½ to 62½ cents per ton of 40 cubic feet, or of 2,000 lbs. On bonded goods stored outside or in yard of warehouse, 37½ cents per ton. On free goods, as per class, 25 to 37½ cents per ton of 2,000 lbs., or of 40 cubic feet.

In all cases a fraction of a month to be charged as a month.

REGULATIONS.

Concerning Delivery of Merchandise, Payment of Freight, Etc.

When no express stipulation exists per Bill of Lading, goods are to be considered as deliverable on shore.

Freight on all goods to be paid, or secured to the satisfaction of the captain or consignee of the vessel, prior to the delivery of goods.

After the delivery to the purchaser of merchandise sold, no claim for damages, deficiency or other cause, shall be admissible, unless made within three days, and no such claim shall be admissible after goods sold and delivered have once left the city.

When foreign Bills of Lading do not expressly stipulate the payment of freight in a specific coin, foreign currency shall be reckoned according to the United States value thereof, and payment be made in any legal tender of the United States;

When foreign Bills of Lading expressly stipulate that the freight shall be paid in a specific coin, then the same must be procured, if required, or its equivalent given—the rate to be determined by the current value at the time in San Francisco.

When no special agreement is contained in a charter party, lay days shall commence as follows: For vessels from foreign ports with general cargo, as soon as vessel is in her discharging berth, and a general order has been issued by the Custom House.

For vessels with Coal from Atlantic or Australian ports, five running days after arrival, provided that discharging berth can be procured.

In the case of coal-laden vessels, when no special quantity is fixed by the charter party, the minimum quantity to be discharged per working day shall be 150 tons.

In the case of grain-loading vessels, when the charterer does not furnish stiffening within forty-eight hours from the time notice is given him by the captain or consignee, the time lost should count as lay days on the charter.

For tare on Wool Bags, two pounds is to be allowed for each new sack, and three and one-half pounds for each second-hand sack.

For tare on China Sugar, four pounds is to be allowed for each mat containing four pockets of about 25 pounds each.

All other rates of tare are to be allowed as by custom in New York, except when otherwise provided.

For vessels loaded with general cargo, when no special quantity is fixed by the charter party, the minimum quantity to be discharged per weather working days shall be two hundred tons.

ARBITRATION CLAUSE BILLS OF LADING.

“Any disputed claim against the vessel not exceeding \$100.00 to be settled by the Arbitration Committee of the Chamber of Commerce of the port in which dispute arises or by arbitrators selected by the parties in interest, and to be binding on said parties, arbitration fees to be paid by loser or losers.”

Stevedore Rates, Rates of Pilotage, Rates of Dockage and Tolls.

STEVEDORE RATES.

DISCHARGING

Coal—Mare Island Navy Yard.....	\$0.50
Coal, Cement and Ballast.....	.45
Sugar—Java and Philippines .....	.50
Pig Iron, Chalk and Cliff Stone.....	.50
Sheet Iron or Bar Iron, under three inches in diameter, under 100 tons	1.00
Sheet Iron or Bar Iron, under three inches in diameter, over 100 tons .....	.75
Railroad Iron .....	.60
Coke, Boiler Plates and Scrap Iron .....	.90
Jute and Seeds—40 cubic feet .....	.35
Nitrate, Rock Salt discharged in boxes, Sulphate of Ammonia, Fertilizer, Shale and Sulphur .....	.45
Glass and Fire Brick .....	.70
Bar Iron, three in. or over, Structural Iron, Tie Plates, Angles, Beams, Girders, Blooms	1.25
Slab, Block Marble and Machinery, up to two tons....	1.50
Slab, Block Marble and Machinery, or any weights over two tons, in quantities over 200 tons	2.00
Weights over two tons and in quantities under 200 tons	
General Merchandise, weight and measurement.....	.45
All weights of above 2240 lbs. to ton unless otherwise specified.	

LOADING.

Wheat—2240 lbs.	\$0.35
Barley, Beans and Flour—2000 lbs.35
Bran—40 cubic feet35
Canned and Bbl. Salmon—2240 lbs.50

STEVEDORE RATES

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Canned Fruit and Borax—2000 lbs.50
Orchilla and Pulu, General Merchandise, 40 cubic feet	.45
Wine, Tallow, Asphalt in barrels—2000 lbs. ....	.75
Scrap Iron—2000 lbs. ....	.90
Lumber, San Francisco and Eureka, per 1000 feet.....	1.40
Ties, San Francisco—per 1000 feet ....	.85
Eureka—per 1000 feet	1.00
Oakland or Stream, 10c extra.	
All Stiffening of Grain ....	.45
Supplying and Loading Ballast—2000 lbs.	
Lighterage when required ....	.50
Hauling away Ballast from ship at dock at San Fran-	
cisco ....	.45
Lightering away Ballast from ship ....	.75
Discharging and Loading Cross Bunkers, Side Pockets,	
Fore and After Peaks and Lazarettes or Tanks, 10 cents per	
ton or 10 cents per 1000 feet extra on above rates.	

BALLAST.

Supplied and put on board—2,000 pounds.....	\$0.80
Lighterage, when required.....	.75
Hauling Ballast, where carts can be used, from the City	
Wharf ....	.45
Hauling Ballast where lighters must be used.....	.75

CHARGES FOR ENTERING.

Survey	\$3.00
Entry	2.50
Official Certificate and Oath .....	.20

CHARGES FOR CLEARANCE.

Clearance	\$2.50
Official Certificate and Oath .....	.20
Post entry, if any	2.00

RATES OF PILOTAGE.

In effect Sixty Days after March 22, 1905.

Section 1. Section twenty-four hundred and sixty-six (2466) of the Political Code of the State of California is hereby amended so as to read as follows:

2466:—Rates of Pilotage at San Francisco. The following shall be the rates of pilotage into and out of the harbor of San Francisco: All vessels under five hundred (500) tons, three (\$3.00) dollars per foot draught; all vessels over five hundred (500) tons, three (\$3.00) dollars per foot draught and three (3) cents per ton for each and every ton registered measurement; and every vessel spoken inward or outward bound, except as hereinafter provided shall pay the said rates. A vessel is spoken by day by a pilot boat displaying a Union Jack or by night displaying a torch or flare up within a distance of three (3) miles of the vessel. In all cases where inward bound vessels are not spoken until inside the bar, the rates of pilotage herein provided shall be reduced fifty (50) per cent. Vessels engaged in whaling or fishing trades shall be exempt from all pilotage, except where a pilot is actually employed.

Sec. 2. Section twenty-four hundred and sixty-eight (2468) of the Political Code of the State of California is hereby amended so as to read as follows:

2468:—Same. Exemption and reduction of pilotage. All vessels sailing under an enrollment, and licensed and engaged in the coasting trade between the port of San Francisco and any other port of the United States shall be exempt from all pilotage unless a pilot be actually employed. All foreign vessels and all vessels from a foreign port or bound thereto, and all vessels sailing under a register between the port of San Francisco and any other port of the United States shall be liable for pilotage as provided in Section twenty-four hundred and sixty-six (2466) of this Code.

RATES OF DOCKAGE.

EACH RATE IS FOR A DAY OF TWENTY-FOUR (24) HOURS, OR ANY PART THEREOF, INCLUDING SUNDAYS, HOLIDAYS, AND RAINY DAYS.

61. For all ocean vessels, steam or sail, and all sail vessels, steamboats, and barges navigating the bay of San Francisco and the rivers and other waters flowing into it, of two hundred net registered tons or under, 2 cents per ton ; for all such vessels of over two hundred net registered tons, \$4 for the first two hundred tons, and three-quarters of a cent for each additional ton.

FULL RATES SHALL BE CHARGED AS FOLLOWS:

62. (1) Vessels with cargo on board docking at wharf while discharging cargo.

(2) Vessels with cargo on board docking at a wharf while discharging or taking on passengers and baggage.

(3) Vessels with no cargo on board docking at a wharf while discharging passengers and baggage.

(4) Vessels with cargo on board docking at a wharf while taking on stores, supplies or fuel oil for fuel for such vessel.

(5) Vessels with cargo on board docking at a wharf while lying idle.

(6) Vessels that are engaged in towing.

(7) Vessels that are not engaged in carrying freight and passengers.

HALF RATES SHALL BE CHARGED AS FOLLOWS:

63. (1) Vessels with no cargo on board docking at a wharf while loading cargo.

(2) Vessels with no cargo on board docking at a wharf while receiving passengers or receiving stores, supplies or fuel oil for fuel of such vessel.

(3) Vessels with cargo on board docking at a wharf while taking on a reasonable amount of cargo, exclusive of stores, supplies or fuel oil for fuel of such vessel.

(4) Vessels with no cargo on board while lying idle at a wharf.

(5) Vessels while receiving or discharging ballast or receiving stiffening.

(6) Vessels either discharging, loading or lying idle while occupying outside berths.

(7) Vessels while moored in docks, slips, basins or canals.

(8) Vessels engaged in towing and vessels not engaged in carrying freight and passengers not entitled to half rates.

64. When the per diem dockage of a vessel, as above described, is not a multiple of five it must be reduced or increased, as the case may be, to the nearest such multiple; provided, that if it be equally near to two such multiples, it must be increased to the first such multiple above.

65. All bills for dockage must be paid when due, whether approved by the master or not. Failure to pay said bills on presentation will subject the vessels to be placed on the Delinquent List, and to the penalties provided by law. Errors, if any, will be rectified by the Board.

66. When a vessel of any kind is charged or has paid dockage at a wharf for any day, she may use the same or any other wharf during that day without further charge, no matter how often she may leave and return; provided, a receipt for payment or transfer card from the Wharfinger at the first wharf be produced; and on application of the master the Wharfinger is required to issue such transfer card.

RATES OF DOCKAGE ON LIGHTERS.

66a. A lighter is understood to be a vessel which has neither power nor steering equipment.

67. A dockage rate of 1 cent per ton net tonnage per day will be charged on all lighters in the following cases:

(1) When discharging or loading at a wharf.

(2) When discharging into or loading from a vessel lying at a wharf, or when lying at a wharf or in a slip with or without cargo on board.

(3) When transporting from a wharf to a vessel, or from a vessel to a wharf, but one dockage charge will be made per day.

RATES OF TOLLS.

Both a discharging and a loading toll shall be imposed on all merchandise (including vessel's stores and supplies and fuel oil for such vessel) except where otherwise specified, and must be paid by the vessel discharging or loading same.

68. A ton is by weight 2,000 pounds, unless otherwise specified; by measurement, 40 cubic feet.

69. Merchandise, for the purpose of tolls or wharfage, must be computed by weight or measurement, as the one mode or the other will give the greater number of tons.

70. Of the following articles 2,240 pounds constitute a ton: Coal, railroad iron, pig iron, gypsum, asphaltum, ores, crude or boiled sulphur, paving stones, sand, and ballast.

TOLLS PER TON.

71. On merchandise (except where otherwise specified) including vessels' stores and supplies and coal and fuel oil for such ves-

sel, per ton	5 cents
On flour, grain and millstuffs	5 "
On 400 pounds or less	1 "
On 800 pounds or less and more than 400 pounds..	2 "
On 1200 pounds or less and more than 800 pounds.	3 "
On 1600 pounds or less and more than 1200 pounds	4 "
On 2000 pounds or less and more than 1600 pounds	5 "

Tolls on merchandise, when measured or charged a higher rate, to be collected according to the foregoing subdivisions:

TOLLS CHARGED OTHERWISE THAN BY THE TON.

72. On the following articles tolls must be paid as follows:

On Fir, Redwood, Spruce, and all soft-wood lumber,	
per 1,000 feet, board measure	10 cents
On Oak, Hickory, Ash, and all hard-wood lumber,	
per 1,000 feet, board measure.....	20 "
On lumber or Timber discharged in the water in any slip, dock, basin, or canal, the same as if discharged on a wharf.	

On Piles discharged in any slip, dock, basin, or canal, per pile	6	cents
On Fence Posts, per 100	10	"
On Railroad Ties, per 1,000 feet of lumber, board measure, contained therein (32 or 24 feet to a tie, according to size)	10	"
On Shingles, per 40 bundles	10	"
On Laths, per 60 bundles	10	"
On Shakes, per 100 bundles	10	"
On Empty Barrels (merchandise), each	$\frac{1}{4}$	"
On Empty Sugar Barrels, each	$\frac{1}{4}$	"
On Cord Wood, per cord	5	"
On Tan Bark and Stave Bolts, per cord	5	"
On Fire Bricks, per 1,000	15	"
On Bricks (other than Fire Bricks), discharged on, or loaded from, any wharf, per 1,000	10	"
On Bricks (other than Fire Bricks), discharged from any vessel lying at any wharf, or in any slip, dock, or basin, into another vessel, or received into any such vessel from any lighter or other vessel, per 1,000	5	"
On Wool or Cotton in sacks, per sack	1	"
On Wool or Cotton in bales, strapped, per bale	$1\frac{1}{2}$	"
On Hops in bales, per bale	1	"
On Hides of Cattle (green or dry), per hide	$\frac{1}{4}$	"
On Skins, per skin	1-16	"
On Cattle, Horses, and Mules, per head	5	"
On Colts and Calves, under a year old, per head	$2\frac{1}{2}$	"
On Sheep and Hogs, per head	1	"
On Hay, per ton	5	"
On Crushed Rock (long ton)	5	"
On Reapers, Mowers, Horse Rakes, Hay Presses, Gang Plows, Cultivators, and Wheeled Vehicles, set up, each	10	" "
On Headers and Separators, set up, each	20	" "
On Charcoal, per 35 sacks (of 55 pounds each)	5	" "
On Cement, 5 barrels to the ton	5	" "
On Lime, 8 barrels to the ton	5	" "

On Beef, Pork or Fish, 6 barrels to the ton.....	5 cents
On Sugar or Syrup, 6 barrels to the ton.....	5 “
On Wine or Liquor, per bbl.	1¼ “
On Wine or Liquor, per pipe	5 “
On Cocoanuts, per 1,000, unhusked	15 “
On Cocoanuts, per 1,000, husked	10 “
On Bananas, per bunch	¼ “
On Salmon, per ton of 2,000 pounds.....	5 “
Crude Oil (whether in barrels or bulk). per ton of 2,000 pounds (7¾ lbs. to gallon).....	5 “
Crude Oil, naphtha, gasoline, etc., conveyed either inward or outward, over or through any wharf, bulkhead or other State structure, or loaded or discharged in any slip, basin or channel, per ton of 2,000 pounds (7¾ lbs. to gallon).....	5 “

73. (The weight of crude oil contained in tanks or vessels or conveyed to or from shipping, to be computed on the basis of 7¾ pounds per gallon, if actual weight is not obtainable.)

74. On Empty Packages, being returned to the owner, who uses them to send commodities to market, no tolls will be charged.

75. Grain, flour, millstuffs, beans and seeds will be subject at all wharves, to the same rules and rates of tolls and wharfage as are imposed on other merchandise.

76. The term “grain” is intended to and does include wheat, barley, oats, corn, and rye; the term “flour” includes only the flour of wheat, and “millstuffs” includes only bran, middlings, shorts and ground feed.

78. No tolls will be charged on donkey engines or stevedores’ tools when taken on the wharf for the purpose of loading or discharging a vessel; nor on milk, butcher, baker, ice, or laundry supplies furnished daily to vessels.

79. Merchandise landed on a wharf and not removed therefrom, may be reshipped from the same wharf, without the payment of further toll, but the wharfage, if any due thereon, must be paid.

80. Merchandise, except bricks(other than fire bricks), discharged from a vessel lying at any wharf or within any slip, into lighters or other vessels, is subject to the same rates of toll as if discharged on or loaded from a wharf.

81. When the tolls have been paid on merchandise, on its being discharged from a vessel it may be landed thence on a wharf, or discharged into another vessel, without the payment of further tolls; except bricks (other than fire bricks), which shall be charged as follows: On bricks, 5 cents per one thousand.

WHARFAGE.

82. Merchandise must be removed from the wharf before 5 o'clock P. M. on the day following the one on which it was placed thereon; but Wharfingers are hereby authorized, when the owners or consignees of merchandise desire it, and it can be done without interfering with the business of the wharf, to allow merchandise to remain on the wharf after the prescribed time, at a wharfage charge equal to an additional toll for every forty-eight hours or part thereof. If merchandise be not removed within twenty-four hours after notice by the Wharfinger, it shall be liable to the penalties of Section 2524 of the Political Code.

**RULES AND REGULATIONS FOR THE HANDLING OF
FUEL OIL ON THE WATERFRONT OF THE CITY
AND COUNTY OF SAN FRANCISCO, CAL.**

87. All vessels carrying oil for fuel must store same in **steel** or iron tanks.

88. No vessel carrying oil for fuel in wooden tanks or **wooden** compartments shall be allowed to lie alongside or **make** fast to any other vessel while the same is lying at any **Dock**, Pier or Wharf, or to lie alongside or make fast to any **structure** under the jurisdiction of the Board of State Harbor Commissioners.

89. All oil for fuel purposes must be delivered through a **steam** pump so as to pump the oil into the vessel to be supplied as quickly as possible, and all vessels carrying oil for **fuel** must be kept clear of rubbish, etc., which is liable to **catch** fire from sparks.

90. No vessel loaded with Coalinga oil or any other oil **which** will flash below 110 degrees Fahrenheit, shall be permitted to haul alongside of any vessel or structure.

91. No vessel shall discharge or receive fuel oil while **lying** at any dock, pier or wharf except between sunrise and **sunset**. This includes deliveries by vessel, wagon or pipe line.

92. No vessel engaged in the business of supplying fuel oil **shall** be allowed when empty to haul or lie alongside any **vessel**, dock, pier or wharf, and vessel after having discharged oil, must immediately haul away from vessel or **structure**.

BY - LAWS
OF THE
CHAMBER OF COMMERCE
OF SAN FRANCISCO

ADOPTED MAY 12th, 1868; AS AMENDED TO DATE.

ARTICLE I.

Meetings.

The Regular Meetings of the Chamber shall be held every three months, to wit: On the third Tuesdays in January, April, July and October, at such hour as the Board of Trustees shall order.

Annual Meeting.

The next Annual Meeting shall be the Regular meeting in January, 1874, and thereafter the Regular Meeting in the month of January in each year shall be the Annual Meeting. The Officers and Trustees elected in May, 1873, shall hold office until the Annual Meeting in January, 1874, and until their successors are installed.

Special Meetings may be held at any time on the call of the President, who shall call such meetings whenever requested to do so by any five members. At all meetings of the Chamber fifteen members shall constitute a quorum.

ARTICLE II.

Officers.

The Annual Election for officers shall be held on the second Tuesday of January, in each and every year, under the supervision of a Committee to be appointed by the Board of Trustees. The polls shall be open from 12 m. to 3 o'clock p. m. on the day of election. There shall be elected fifteen Trustees, one of whom shall be designated on the ballot as President, another as Vice-President, and another as Second Vice-President, who shall be, respectively, President and Vice-Presidents of the Corporation and Board of Trustees. Said Trustees so elected shall constitute a Board, to be known and designated as "The Board of Trustees of the Chamber of Commerce of San Francisco." And said Officers and Trustees shall hold their offices for one year from the third Tuesday of January following their election, and until their successors are duly installed.

The Board of Trustees shall have power to manage all the financial affairs of the Corporation. They shall elect or appoint from among the members of the Chamber, or otherwise, a Secretary, a Treasurer, a Librarian, and such other agents or servants as the business of the Corporation shall require, who shall hold their offices at the pleasure

of the Board, and shall receive such compensation as said Board shall affix to their respective offices. Said Board shall also have the power to levy and collect assessments, and to fix the amount of dues to be paid by the members, which shall not be less than twelve dollars per annum. They shall also have power to elect and admit members of the Corporation. They shall have the general charge of all the funds and other property of the Corporation. **Provided** that the collection of any assessment levied by the Board of Trustees shall be suspended upon the written dissent thereto of ten members, addressed to the President, until such assessment has been affirmed by a vote of the Chamber, at either a regular or special meeting.

Vacancies.

Any Trustee ceasing to be a member of the Chamber, or failing to attend three consecutive meetings of the Board, unless debarred by sickness or absence from the city, his office shall thereupon become vacant. All vacancies shall be filled by a new election at the next regular meeting of the Chamber.

Board Meetings.

The regular meetings of the Board shall be held the second Tuesday in each and every month. Special meetings may be called by the President at any time, who shall call such meeting whenever requested by any three Trustees. At all meetings of the Board of Trustees, five members shall constitute a quorum.

ARTICLE III.

President.

It shall be the duty of the President to preside at all meetings of the Board of Trustees and of the Chamber; to call special meetings, as elsewhere in these By-Laws provided, and to present at the annual meeting a report reviewing the action of the Chamber upon the various matters which shall have been under consideration during the preceding year, and making such suggestions as in his judgment the interests of the Chamber may require. In addition to his vote as a member, he shall have a casting vote at all meetings, both of the Board of Trustees and of the Chamber.

Vice-Presidents.

The Vice-Presidents, in the order of their rank, shall, in the absence of the President, perform all his duties.

Chairman Pro Tem.

In the absence of the President and both Vice-Presidents from any meeting, a Chairman pro tem. shall be appointed for such meeting.

Citizenship.

The President and Vice-Presidents shall be citizens of the United States and of the State of California.

ARTICLE IV.

Secretary.

The Secretary shall keep a fair record of all the proceedings of the Chamber; shall present at its meeting such of the communications made to him officially as the Board of Trustees shall select for that purpose; and give proper notice of the meetings of the Board and

of the Chamber, and report at the annual meeting the existing number of members, together with the deaths, resignations and additions of members during the year.

He shall act as Secretary of the Board of Trustees, and shall keep a fair record of their proceedings. He shall attend all meetings of the Committee of Arbitration and Appeals, and shall record the points at issue in the cases submitted to them, and the decisions given. All his records shall at all times be open to the inspection of any member of the Chamber.

He shall perform such other duties as may be assigned him by the Chamber, or by the Board of Trustees.

All communications proceeding from the Chamber shall be signed by the President and Secretary, and attested by the seal of the Chamber.

ARTICLE V.

Treasurer.

The Treasurer shall collect, or cause to be collected all dues, fines and assessments, and take charge of the funds of the Chamber, and pay out the same, under the direction of the Finance Committee of the Board of Trustees; and shall also deposit any surplus funds belonging to the Chamber, in some savings institution, with the approval of said Finance Committee and the President of the Chamber. He shall keep regular accounts of money received and expended, and report at each meeting of the Board of Trustees the condition of the Treasury. He shall render a detailed account at the annual meeting of the Chamber, which shall be certified to by the Finance Committee of the Board of Trustees, showing all the transactions during the previous year.

ARTICLE VI.

Librarian.

The Librarian shall make and keep a catalogue of all the books, maps and charts which may belong to the Chamber, and attend to their preservation. He shall allow of their proper use by the members of the Chamber. He shall report, at the annual meeting, the additions that shall have been made during the previous year, specifying separately such books as shall have been purchased, and such as shall have been donated, and the names of the parties contributing the same. The same person may be eligible to the three offices of Secretary, Treasurer and Librarian.

Library.

The Board of Trustees shall have power to employ any funds of the Chamber, not required for necessary expenses, or otherwise appropriated for the purchase of maps, and financial, commercial and statistical books for the Library.

ARTICLE VII.

Of the Board of Trustees.

At the first regular or special meeting of the Board of Trustees, held after the adoption of these By-Laws, and thereafter at the first regular or special meeting following the annual meeting of the Chamber, the President shall appoint, from among the members of the Board, eight Standing Committees for the year, as follows:

1st. A committee of three, on "Finance," whose duty it shall be to supervise the accounts of the Treasurer; to examine all bills before

payment (and none shall be paid without their approval); to recommend assessments when they shall deem them necessary, and to certify to the statement of the Treasurer to the annual meeting of the Chamber.

2d. A committee of three on "Library." This committee shall have general supervision of the Library, and shall also have the general charge of the rooms and furniture.

3d. A committee of three on "Membership," whose duty it shall be to receive all applications for membership, and report thereon to the Board.

4th. A committee of five, on "Arbitration," to whom may be referred all cases of mercantile disputes arising between members of the Chamber, or between parties not members, which may be submitted to the Chamber for settlement. This committee shall meet at the call of its chairman. All parties claiming its service shall make statements of their points in writing, and shall have the right of producing witnesses, under the regulations and direction of the Committee.

5th. A committee of five, on "Appeals," to whom appeal may be made from the decisions of the Committee on Arbitration, under such regulations as the Board of Trustees may at any time adopt; but no decision of the Committee on Arbitration, shall be appealed from, unless the appeal be made in writing within five days after the delivery to the parties interested, of the decision of the Committee on Arbitration.

6th. A committee of three on "Foreign Commerce and the Revenue Laws."

7th. A committee of three on "Internal Trade and Improvements."

8th. A committee of three on "Harbor and Shipping."

9th. A committee of three on "Reception and Entertainment."

Their duty shall be to examine into and make report upon such subjects as may be referred to them, or they may originate and report to the Chamber such views as they may deem proper for its consideration. A majority of each committee shall be a quorum thereof. Vacancies in any committee shall be filled at the next regular meeting of the Board.

ARTICLE VIII.

Membership.

Any mercantile firm, merchant, merchandise broker, manufacturer, banker, or officer of a local insurance company, resident in the States of California, Oregon, Nevada, or Washington, may become a member of this Chamber on a proposal signed by a member in writing, addressed to the Committee on Membership, who shall report thereon to the Board at the next regular meeting thereof, when a ballot shall take place, and the candidate shall be declared to be admitted unless three negatives shall appear against him; in which case he cannot again be proposed during the ensuing twelve months. Any other person may be elected a member of the Chamber upon the unanimous recommendation of the Committee on Membership and the unanimous vote of the Board of Trustees. **Honorary Members** may be elected by the unanimous recommendation of the Committee on Membership and the unanimous action of the Board of Trustees, confirmed by a two-thirds vote of the Chamber. Such Honorary Membership shall be conferred only in acknowledgment of eminent services rendered the Republic or for aid given the Chamber on behalf of public inter-

ests germane to its organization, and not over two such Honorary Memberships shall be conferred in any one year. The vote for Honorary Membership shall be by ballot.

The Secretary shall forthwith notify all successful candidates of their election; and invite them to sign these By-Laws, in a book to be provided for that purpose. Without such signature in person or by attorney, within one month after his election, the candidate elected shall be deemed to have declined his election.

Every membership shall be entitled to one vote at all meetings and elections of the Chamber.

All elections of persons or firms to membership requiring the unanimous recommendations of the Committee on Membership and the unanimous vote of the Board of Trustees, shall be held by secret paper ballot and in no such case shall a motion be entertained that the ballot be cast by the Secretary.

ARTICLE IX.

Dues and Assessments.

Every member shall pay to the Treasurer, on demand, for the use of the Chamber, such sum (which shall not be less than three, or more than six dollars, payable quarterly in advance) as the Board of Trustees shall assess for the payment of current expenses.

No dues shall be deemed to be remitted or abated by reason of absence from the State.

A member refusing or neglecting to pay fines, dues or assessments, for three months after the same become due or payable, or guilty of any conduct unbecoming his calling, may be expelled from the corporation by a two-thirds vote of the entire Board of Trustees.

ARTICLE X.

Resignations.

Any member desirous of resigning his membership, shall address a letter of resignation to the Secretary, which shall be his warrant for erasing the name of such member from the rolls. But no such resignation shall be deemed valid unless all the dues and assessments chargeable against the member resigning shall have been fully paid.

ARTICLE XI.

Arbitration Fees.

The Secretary shall be entitled to five dollars for his services in calling a meeting of the Committee on Arbitration or Appeals, and a further sum of five dollars for each copy of an award he may be called on to furnish. In addition to the said compensation of the Secretary, each of the parties shall pay such fee, not less than ten dollars nor more than one hundred dollars, as the Committee shall deem reasonable with reference to the importance of the case. When either of the parties litigant is a member of the Chamber, he shall pay one-half the committee-fee that would otherwise be chargeable under this section.

All fees for arbitration, or an appeal, shall be paid to the Treasurer—one-half for the use of the Chamber, and the balance to be equally divided among such members of the Committee on Arbitration as shall have been in regular attendance during the examination in which the fees in question shall have accrued. All awards by either of these committees shall be reported at the next regular meeting of the Chamber.

ARTICLE XII.

Elections.

All elections, by either the Chamber or Board of Trustees, shall be by ballot. At elections for Trustees the fifteen receiving the highest number of votes shall be elected; and those receiving the highest number of votes for President and Vice-Presidents shall be elected to those offices respectively; **provided**, nevertheless, that twenty votes shall be necessary in all cases to elect an officer or Trustee. In case fifteen Trustees are not chosen at the annual election, the others may be elected at the annual, or a subsequent, meeting of the Chamber.

ARTICLE XIII.

Seal.

The Board of Trustees shall devise and procure, as soon as possible after the adoption of these By-Laws, a suitable seal for the Chamber.

ARTICLE XIV.

Amendments.

These By-Laws may be amended in the following manner:

1st. The proposed amendment shall be first passed by a two-thirds vote of the members present at a regular meeting of the Board of Trustees.

2d. It shall then be passed by a majority vote of the members present at the next regular meeting of the Chamber.

ARTICLE XV.

All persons who were members of "The Chamber of Commerce of San Francisco" previously to the adoption of these By-Laws, shall be invited by the Secretary to sign the same, either in person or by proxy, failing wherein, after notice and opportunity so to do, they shall be deemed to have declined to continue their membership.

Amendment Adopted July 18, 1893.

Political Questions.

Political questions that are partisan in their nature are prohibited from consideration or action by the Chamber.

RULES OF ORDER.

ARTICLE I.

At all regular meetings of the Chamber, the order of business shall be as follows:

1. Reading of minutes.
2. Presentation of communications.
3. Election to fill vacancies.
4. Reports of Committee on Arbitration and Appeals.
5. Reports of other Committees.
6. Unfinished business.
7. New business.

At the Annual Meeting of the Chamber, the order of business shall be:

1. Reading of minutes.
2. Report of the Secretary.
3. Report of the Treasurer.
4. Report of the Librarian.
5. Report of the President.
6. Election to fill vacancies.
7. Miscellaneous business.

ARTICLE II.

Rules of Order at Board Meetings.

At all regular meetings of the Board of Trustees, the order of business shall be as follows:

1. Roll call.
2. Reading of minutes.
3. Report of Secretary, Treasurer and Librarian.
4. Report of Committee on Membership, and balloting for new members.
5. Filling of vacancies.
6. Presentation of communications.
7. Reports of Committees.
8. Unfinished business.
9. New business.

ARTICLE III.

These rules of order may be suspended for any meeting, of either body by a vote of two-thirds of the members present at such meeting.

ARTICLE IV.

Manual.

Cushing's Manual shall be the authority for the decision of all parliamentary questions that may arise at meetings, either of the Chamber or of its Board of Trustees.

ARTICLE V.

Names to be Entered.

At all meetings, both of the Chamber and of the Board, the Secretary shall enter on the minutes the names of the members present; and no member shall leave the meeting previous to adjournment without permission from the Chair.

OFFICERS AND TRUSTEES
OF THE

CHAMBER OF COMMERCE OF SAN FRANCISCO

FROM DATE OF ORGANIZATION

LIST OF OFFICERS

	1851-2	1852-3	1853-4	1854-5	1855-6
President.....	Beverly C. Sanders.....	Beverly C. Sanders.....	D. L. Ross.....	J. B. Thomas.....	J. B. Thomas.....
1st Vice do.....	*	*	*	*	J. R. Rollinson.....
2d Vice do.....	*	*	*	*	H. F. Dana.....
Secretary, Treasurer and Librarian)	Lewis W. Sloat.....	Lewis W. Sloat.....	Lewis W. Sloat.....	John H. Williams.....	Wm. R. Wadsworth.....
Membership.....	*	*	*	*	*
	1856-7	1857-8	1858-9	1859-60	1860-1
President.....	F. W. Macondray.....	Dan'l Gibb.....	Dan'l Gibb.....	Albert Dibblee.....	Albert Dibblee.....
1st Vice do.....	H. F. Dana.....	*	*	Jas. De Fremery.....	Geo. H. Kellogg.....
2d Vice do.....	H. Carlton, Jr.....	*	*	Geo. H. Kellogg.....	C. J. Dempster.....
Secretary, Treasurer and Librarian)	Wm. R. Wadsworth.....	W. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	W. R. Wadsworth.....
Membership.....	*	*	*	May 1859-65.....	May 1860-93.....

* The Records of the Chamber having been lost in 1859, the Secretary has been unable to obtain this information.

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1861 TO 1868.

	1861-2	1862-3	1863-4	1864-5
President.....	Geo. H. Kellogg.....	Geo. H. Kellogg.....	Jas. De Fremery.....	Jas. De Fremery.....
1st Vice do.....	C. J. Dempster.....	C. J. Dempster.....	C. Adolphe Low.....	C. Adolphe Low.....
2d Vice do.....	Jas. De Fremery.....	Jas. De Fremery.....	J. Y. Halleck.....	R. Gibbons.....
Executive Commit- tee.....	C. J. Dempster.....	J. W. Clark.....	J. B. Thomas.....	J. B. Thomas.....
Secretary, Treasurer and Librarian.....	Wm. C. Ralston.....	Wm. C. Ralston.....	Geo. F. Bragg.....	R. G. Sneath.....
Membership.....	J. W. Clark.....	C. J. Dempster.....	R. G. Sneath.....	Geo. F. Bragg.....
	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....
	May 1861-111.....	May 1862-111.....	May 1863-114.....	May 1864-105.....
	1865-6	1866-7	1867-8	
President.....	J. A. Donohoe.....	R. G. Sneath.....	R. G. Sneath.....	
1st Vice do.....	W. Meyer.....	Robt. B. Swain.....	Robt. B. Swain.....	
2d Vice do.....	C. W. Brooks.....	J. W. Stow.....	J. W. Stow.....	
Executive Commit- tee.....	R. G. Sneath.....	Albert Dibblee.....	John Everding.....	
Secretary, Treasurer and Librarian.....	L. B. Benchley.....	W. Bartlett.....	W. Bartlett.....	
Membership.....	Albert Miller.....	A. L. Tubbs.....	J. W. H. Campbell.....	
	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	
	May 1865-114.....	May 1866-235.....	May 1867-237.....	

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1868 TO 1873.

	1868-9	1869-70	1870-1	1871-2	1872-3
President.....	James Otis.....	James Otis.....	Robt. B. Swain.....	Robt. B. Swain.....	C. Adolphe Low.....
1st Vice-President.....	I. Friedlander.....	I. Friedlander.....	C. Adolphe Low.....	C. Adolphe Low.....	Wm. T. Coleman.....
2d Vice-President.....	(Geo. W. Beaver.....	(Geo. W. Beaver.....	Alex. Weill.....	Wm. T. Coleman.....	I. Friedlander.....
Trustee.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....
Trustee.....	Ira P. Rankin.....	Ira P. Rankin.....	H. P. Blanchard.....	C. A. C. Duisenberg.....	H. P. Blanchard.....
Trustee.....	Thos. H. Selby.....	Thos. H. Selby.....	Albert Dibblee.....	Jas. DeFremery.....	C. Christiansen.....
Trustee.....	R. Gibbons.....	R. Gibbons.....	Jas. Linforth.....	J. C. Merrill.....	Albert Dibblee.....
Trustee.....	J. W. H. Campbell.....	C. Adolphe Low.....	Ira P. Rankin.....	I. W. Raymond.....	Horace Davis.....
Trustee.....	Robt. B. Swain.....	Robt. B. Swain.....	Levi Stevens.....	J. H. Redington.....	O. Eldridge.....
Trustee.....	L. Sachs.....	L. Sachs.....	L. B. Benchley.....	Albert Dibblee.....	James Otis.....
Trustee.....	Jas. DeFremery.....	Jas. DeFremery.....	Jas. DeFremery.....	Horace Davis.....	Thos. H. Selby.....
Trustee.....	Jas. Linforth.....	Jas. Linforth.....	C. T. Hopkins.....	J. T. Dean.....	J. W. Stow.....
Trustee.....	Fred. L. Castle.....	Fred. L. Castle.....	James Otis.....	W. W. Montague.....	Robt. B. Swain.....
Trustee.....	H. B. Williams.....	H. P. Blanchard.....	L. Sachs.....	James Otis.....	Levi Stevens.....
Trustee.....	O. Eldridge.....	O. Eldridge.....	John H. Wise.....	L. Sachs.....	John H. Wise.....
Secretary, Treasurer and Librarian.....	C. T. Hopkins.....	W. Bartlett.....	W. Bartlett.....	W. Bartlett.....	W. Bartlett.....
Membership.....	May 1868-237.....	May 1869-239.....	May 1870-240.....	May 1871-246.....	May 1872-225.....

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1873 TO 1878.

	1873-4	1874-5	1875-6	1876-7	1877-8
President	Wm. T. Coleman	Wm. F. Babcock	Wm. F. Babcock	I. Friedlander	I. Friedlander
1st Vice-President	Wm. F. Babcock	I. Friedlander	I. Friedlander	J. C. Merrill	J. C. Merrill
2d Vice-President	I. Friedlander	J. D. Walker	J. C. Merrill	I. W. Raymond	I. W. Raymond
Trustee	H. P. Blanchard	J. C. Merrill	C. Adolphe Low	Horace Davis	E. D. Heatley
Trustee	C. Christiansen	M. J. O'Connor	I. W. Raymond	W. N. Olmsted	W. N. Olmsted
Trustee	Jas. DeFremery	I. W. Raymond	M. P. Jones	Ira P. Rankin	Ira P. Rankin
Trustee	O. Eldridge	H. B. Williams	Jas. C. Patrick	Geo. F. Bragg	Geo. F. Bragg
Trustee	James Otis	Geo. H. Eggers	A. L. Tubbs	Levi Stevens	Levi Stevens
Trustee	J. W. Stow	N. C. Fassett	Fred. L. Castle	W. N. Hawley	W. N. Hawley
Trustee	Geo. F. Bragg	M. P. Jones	J. C. Wilmerding	D. C. McRuer	D. C. McRuer
Trustee	Albert Dibblee	R. C. Johnson	Wm. Norris	C. Adolphe Low	C. Adolphe Low
Trustee	J. C. Merrill	Jas. C. Patrick	W. N. Olmsted	W. C. Talbot	W. C. Talbot
Trustee	Jas. C. Patrick	H. B. Tichenor	N. C. Fassett	W. W. Dodge	W. W. Dodge
Trustee	Thos. H. Selby	Fred. Rørding	Horace Davis	D. D. Shattuck	D. D. Shattuck
Trustee	John H. Wise	C. L. Taylor	C. L. Taylor	Alfred P. Elfelt	Alfred P. Elfelt
Secretary, Treasurer and Librarian	W. Bartlett	Henry Mel	Henry Mel	Henry Mel	Henry Mel
Membership	May 1873-238	January 1874-234	January 1875-241	January 1876-232	January 1877-227

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1878 TO 1883.

	1878-9	1879-80	1880-1	1881-2	1882-3
President.....	Jas. C. Patrick.....	Geo. C. Perkins.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....
1st Vice-President.....	J. C. Merrill.....	J. C. Merrill.....	A. P. Williams.....	A. P. Williams.....	A. P. Williams.....
2d Vice-President.....	I. W. Raymond.....	I. W. Raymond.....	Jas. D. Walker.....	Fred. L. Castle.....	E. D. Heatley.....
Trustee.....	W. N. Olmsted.....	Wm. N. Olmsted.....	A. B. Forbes.....	Albert Dibblee.....	Andrew Welch.....
Trustee.....	Sam'l Hart.....	Sam'l Hart.....	G. W. McNear.....	William L. Merry.....	A. Chesbrough.....
Trustee.....	Robt. Balfour.....	R. Balfour.....	Moses Heller.....	Jas. DeFremery.....	S. L. Jones.....
Trustee.....	H. P. Blanchard.....	H. P. Blanchard.....	Edward Kruse.....	R. B. Forman.....	Claus Spreckels.....
Trustee.....	Wm. B. Hooper.....	Wm. B. Hooper.....	Fred. L. Castle.....	Eugene DeSabra.....	Robt. Balfour.....
Trustee.....	Chas. Goodall.....	Chas. Goodall.....	Chas. Goodall.....	W. H. Dimond.....	Alfred P. Elfelt.....
Trustee.....	S. L. Jones.....	S. L. Jones.....	Jas. R. Kelly.....	Fred'k Jacobi.....	Eugene DeSabra.....
Trustee.....	W. W. Montague.....	W. W. Montague.....	Jabez Howes.....	E. L. G. Steele.....	W. W. Dodge.....
Trustee.....	Claus Spreckels.....	Claus Spreckels.....	F. W. Macondray.....	W. W. Dodge.....	W. J. Adams.....
Trustee.....	Kalman Haas.....	Kalman Haas.....	A. McKinlay.....	W. W. Montague.....	Jas. DeFremery.....
Trustee.....	J. J. McKinnon.....	J. J. McKinnon.....	Caleb T. Fay.....	John Kentfield.....	A. Scrivener.....
Trustee.....	A. B. Forbes.....	A. B. Forbes.....	J. J. McKinnon.....	J. N. Knowles.....	Wm. B. Hooper.....
Secretary, Treasurer and Librarian.....	Henry Mel.....	Morris Marcus.....	Morris Marcus.....	Morris Marcus.....	Morris Marcus.....
Membership.....	January 1878—221.....	January 1879—214.....	January 1880—161.....	January 1881—156.....	January 1882—171.....

LIST OF OFFICERS

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1883 TO 1888.

	1883-4	1884-5	1885-6	1886-7	1887-8
President.....	Horace Davis.....	Horace Davis.....	Henry L. Dodge.....	Henry L. Dodge.....	William L. Merry.....
1st Vice-President.....	D. J. Staples.....	D. J. Staples.....	William L. Merry.....	William L. Merry.....	E. L. G. Steele.....
2d Vice-President.....	Andrew Welch.....	Andrew Welch.....	E. L. G. Steele.....	E. L. G. Steele.....	Charles Goodall.....
Trustee.....	J. J. McKinnon.....	J. J. McKinnon.....	J. N. Knowles.....	J. N. Knowles.....	C. L. Taylor.....
Trustee.....	G. W. McNear.....	G. W. McNear.....	Alfred P. Elfelt.....	Alfred P. Elfelt.....	Adam Grant.....
Trustee.....	H. Beveridge.....	C. L. Taylor.....	W. H. Dimond.....	W. H. Dimond.....	John L. Howard.....
Trustee.....	A. Chesebrough.....	J. N. Knowles.....	A. E. Hecht.....	A. E. Hecht.....	W. J. Adams.....
Trustee.....	Alfred P. Elfelt.....	Alfred P. Elfelt.....	C. L. Taylor.....	C. L. Taylor.....	Ira P. Rankin.....
Trustee.....	Eugene DeSabra.....	Eugene DeSabra.....	Albert Miller.....	Albert Miller.....	E. W. Newhall.....
Trustee.....	Andrew Crawford.....	Andrew Crawford.....	E. W. Newhall.....	E. W. Newhall.....	Fred. L. Castle.....
Trustee.....	H. L. E. Meyer.....	H. L. E. Meyer.....	Fred. L. Castle.....	Fred. L. Castle.....	W. W. Montague.....
Trustee.....	James DeFremery.....	William L. Merry.....	J. J. McKinnon.....	J. J. McKinnon.....	Chas. Kohler.....
Trustee.....	R. Hochkoffer.....	Chas. W. Whitney.....	W. W. Montague.....	W. W. Montague.....	J. M. Roma.....
Trustee.....	E. L. G. Steele.....	E. L. G. Steele.....	L. L. Baker.....	L. L. Baker.....	C. B. Stone.....
Trustee.....	Jacob S. Taber.....	Jacob S. Taber.....	Hugh Craig.....	Hugh Craig.....	H. L. E. Meyer.....
Secretary, Treasurer and Librarian {	Morris Marcus.....	Morris Marcus.....	Morris Marcus.....	Morris Marcus.....	Thos. J. Haynes.....
Membership.....	January 1883-168.....	January 1884-156.....	January 1885-169.....	January 1886-175.....	January 1887-220.....

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1888 TO 1893.

	1888-9	1889-90	1890-1	1891-2	1892-3
President	William L. Merry ..	Ira P. Rankin.....	Geo. C. Perkins.....	C. L. Taylor.....	E. B. Pond
1st Vice-President ..	E. L. G. Steele.....	Charles Goodall	C. L. Taylor.....	W. H. Dimond.....	W. H. Dimond.....
2d Vice-President ..	Chas. Goodall.....	C. L. Taylor.....	Geo. W. McNear.....	Jas. F. Chapman.....	Jas. F. Chapman.....
Trustee	C. L. Taylor	R. B. Forman.....	W. T. Y. Schenck.....	Wm. L. Merry	Wm. L. Merry
Trustee ..	Robt. Balfour	W. H. Talbot	Geo. H. Sanderson...	W. T. Y. Schenck.....	W. T. Y. Schenck.....
Trustee	James Carolan	James Carolan.....	W. H. Harries.....	W. W. Spaulding.....	A. J. Ralston.....
Trustee	Fred L. Castle.....	Fred. L. Castle.....	John D. Spreckels...	Chas. R. Allen.....	W. W. Montague.....
Trustee	Robt. Watt	Robt. Watt.....	A. J. Ralston.....	A. J. Ralston	Barry Baldwin
Trustee	Ira P. Rankin.....	W. T. Y. Schenck.....	John Rosenfeld.....	John Rosenfeld.....	C. L. Taylor.....
Trustee	W. W. Montague.....	W. W. Montague.....	Arthur R. Briggs.....	Arthur R. Briggs.....	Arthur R. Briggs.....
Trustee	G. W. McNear	G. W. McNear.....	James F. Chapman..	J. J. McKinnon.....	John Rosenfeld.....
Trustee	James F. Chapman..	James F. Chapman..	Robt. Watt	Robt. Watt	M. P. Jones.....
Trustee	H. L. E. Meyer	C. L. Dingley	E. W. Newhall.....	C. B. Stone	J. J. McKinnon.....
Trustee	R. W. Simpson.....	A. R. Briggs	James Carolan	James Carolan.....	John F. Merrill.....
Trustee	E. W. Newhall.....	E. W. Newhall.....	W. E. Halloway.....	Louis B. Parrott.....	Louis B. Parrott.....
Secretary, Treasurer and Librarian }	Thos. J. Haynes.....	Thos. J. Haynes.....	Thos. J. Haynes.....	Thos. J. Haynes	Thos. J. Haynes
Membership	January 1888—231....	January 1889—247....	January 1890—230....	January 1891—259....	January 1892—310.

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1893 TO 1898.

	1893-4	1894-5	1895-6	1896-7	1897-8
President	E. B. Pond	W. H. Dimond.....	W. H. Dimond.....	Hugh Craig.....	Hugh Craig
1st Vice-President ..	W. H. Dimond.....	Jas. F. Chapman....	Hugh Craig	John L. Howard....	John L. Howard....
2d Vice-President ..	Jas. F. Chapman....	Hugh Craig	W. T. Y. Schenck....	Louis B. Parrott....	Louis B. Parrott....
Trustee	Wm. L. Merry	E. B. Pond	E. B. Pond.....	W. H. Dimond.....	Louis Sloss, Jr.....
Trustee	A. J. Ralston.....	R. D. Laidlaw.....	Wm. L. Merry.....	W. L. Merry.....	Charles M. Yates....
Trustee	W. T. Y. Schenck....	Louis B. Parrott....	A. J. Ralston.....	Jas. F. Chapman....	George A. Newhall..
Trustee	Arthur R. Briggs....	Chas. Nelson.....	Louis B. Parrott....	Chas. Nelson.....	Charles Nelson.....
Trustee	C. L. Taylor.....	C. L. Taylor.....	Geo. A. Newhall....	A. J. Ralston.....	W. E. Mighell
Trustee	Charles Nelson	William L. Merry....	Walter M. Castle....	Geo. A. Newhall	A. G. Towne
Trustee	J. J. McKinnon.....	J. N. Knowles.....	Jas. F. Chapman....	Louis Sloss, Jr.....	A. Geberding.....
Trustee	Louis B. Parrott....	W. T. Y. Schenck....	C. L. Taylor.....	A. G. Towne	Leon Blum.....
Trustee	J. N. Knowles.....	C. Carpy.....	J. J. McKinnon.....	H. T. Scott.....	Edward Coleman....
Trustee	John Dolbeer.....	A. J. Ralston.....	Chas. Nelson.....	A. B. Field.....	Oscar T. Sewall....
Trustee	C. Carpy.....	J. J. McKinnon.....	Louis Sloss, Jr.....	F. W. Van Sicklen..	A. B. Field.....
Trustee	H. B. Hunt.....	Geo. A. Newhall....	Arthur G. Towne....	Chas. M. Yates.....	Wm. L. Merry.....
Secretary, Treasurer and Librarian	Thos. J. Haynes.....	Thos. J. Haynes.....	L. H. Clement.....	W. L. Merry	Wm. L. Merry.....
Membership	January, 1893—310 ..	January, 1894—315 ..	January, 1895—308..	January, 1896—342 ..	January, 1897—406

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1898 TO 1901.

	1898-9	1899-1900	1900-01	1901-02.	1902-03
President	Hugh Craig	Charles Nelson	Charles Nelson	Geo. A. Newhall	Geo. A. Newhall
1st Vice-President	Charles Nelson	Geo. A. Newhall	Geo. A. Newhall	Henry F. Allen	E. R. Dimond
2d Vice-President	Geo. A. Newhall	H. F. Allen	H. F. Allen	W. E. Mighell	Wm. E. Mighell
Trustee	H. F. Allen	Leon Blum	Wakefield Baker	Wakefield Baker	C. H. Bentley
Trustee	Frank L. Brown	Frank L. Brown	E. R. Dimond	E. R. Dimond	W. J. Dutton
Trustee	Leo. Blum	E. R. Dimond	A. B. Field	W. J. Dutton	A. B. Field
Trustee	Edward Coleman	A. B. Field	Henry F. Fortmann	A. B. Field	Wm. L. Gerstle
Trustee	E. R. Dimond	R. D. Fry	William Haas	Wm. L. Gerstle	Rufus P. Jennings
Trustee	A. B. Field	Geo. W. McNear, Jr.	H. R. Mann	William Haas	Wm. H. Marston
Trustee	H. Rosenfeld	Wm. E. Mighell	W. H. Marston	C. Osgood Hooker	G. W. McNear, Jr.
Trustee	Edwin Goodall	M. A. Newell	Geo. W. McNear, Jr.	Wm. H. Marston	James Otis
Trustee	Wm. E. Mighell	H. Rosenfeld	Wm. E. Mighell	Geo. W. McNear, Jr.	Henry Rosenfeld
Trustee	Fred. Tillman, Jr.	Fred. Tillmann, Jr.	H. Rosenfeld	H. Rosenfeld	James B. Smith
Trustee	A. G. Towne	A. G. Towne	A. G. Towne	A. G. Towne	A. G. Towne
Trustee	Charles M. Yates	Chas. M. Yates	Chas. M. Yates	Chas. M. Yates	Chas. M. Yates
Secretary, Treasurer and Librarian	E. Scott	E. Scott	E. Scott	E. Scott	E. Scott
	Honorary Members.. 12 Active 396	Honorary Members.. 12 Active 412	Honorary Members.. 12 Active 432	Honorary Members.. 12 Active 443	Honorary Members.. 12 Active 616
	Total Membership.... 408	Total Membership.... 424	Total Membership.... 444	Total Membership.... 455	Total Membership.... 628

LIST OF OFFICERS

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1903 TO 1907.

	1903-04	1904-05	1905-06	1906-07	1907-08
President	Geo. A. Newhall.....	Geo. A. Newhall.....	Geo. A. Newhall.....	W. H. Marston.....	C. H. Bentley.....
1st Vice-President	E. R. Dimond	E. R. Dimond	C. H. Bentley.....	C. H. Bentley.....	George E. Butler.....
2d Vice-President	Wm. E. Mighell	C. H. Bentley.....	W. H. Marston	W. R. Wheeler.....	George D. Gray
Trustee	C. H. Bentley.....	Frank L. Brown.....	W. J. Dutton	Wm. L. Gerstle	Wm. H. Marston.....
Trustee	W. J. Dutton	W. J. Dutton	Wm. L. Gerstle	Wm. Matson.....	Wm. L. Gerstle
Trustee	A. B. Field.....	J. A. Folger.....	Geo. D. Gray.....	Jas. Rolph, Jr.....	Wm. Matson.....
Trustee	Wm. S. Gerstle.....	Wm. L. Gerstle	Rufus P. Jennings.....	Jas. B. Smith	Jas. Rolph, Jr.....
Trustee	Rufus P. Jennings.....	Rufus P. Jennings.....	C. S. Laumeister.....	Wm. Mugan.....	Wm. G. Mugan
Trustee	Wm. H. Marston.....	H. D. Loveland	William Matson.....	Jas. Tyson	Jas. Tyson
Trustee	Geo. W. McNear, Jr.....	Wm. H. Marston.....	H. D. Morton.....	R. P. Jennings.....	Henry Rosenfeld
Trustee	James Otis.....	Thos. Rickard.....	Thos. Rickard.....	Geo. D. Gray.....	H. F. Prien.....
Trustee	Henry Rosenfeld	James Rolph, Jr.....	James Rolph, Jr.....	Henry Rosenfeld.....	W. F. Barnes
Trustee	James B. Smith	Henry Rosenfeld	Henry Rosenfeld.....	H. F. Prien.....	James K. Moffitt
Trustee	E. L. Eyre.....	Jas. B. Smith	James B. Smith	Geo. E. Butler	James McNab
Trustee	Chas. M. Yates.....	Wm. R. Wheeler.....	W. R. Wheeler.....	F. F. Connor.....	Chas. C. Moore.....
Secretary, Treasurer and Librarian }	E. Scott.....	E. Scott.....	*E. Scott..... †B. L. Cadwalader... ‡C. W. Burks.....	C. W. Burks.....	Chester W. Burks ...
Honorary Members..	11	11	11	12	19
Active Members.....	592	632	622	625	598
Total Membership...	603	643	633	637	615

* Resigned February 3 1905

† Resigned April 3, 1905

‡ Acting Secretary

LIST OF MEMBERS

OF THE

CHAMBER OF COMMERCE

OF SAN FRANCISCO

Corrected to January 1, 1907.

Members are requested to examine the List of Members, with reference to their own name and address and report to the Secretary if incorrect; also to inform him of any changes that occur in style of firm or business location.

HONORARY MEMBERS.

Hon. W. W. Morrow, U. S. Circuit Judge, Appraisers' Building.
 Prof. Geo. Davidson, 530 California Street.
 A. G. Menocal, Civil Engineer, U. S. Navy, Washington, D. C.
 Hon. Warner Miller, ex-United States Senator, New York City.
 A. E. K. Benham, Rear Admiral, U. S. N., 1508 Ninth Street, Washington, D. C.
 Hon. John T. Morgan, United States Senator, Washington, D. C.
 President American Chamber of Commerce, Paris, France.
 George Dewey, Admiral, U. S. Navy, Washington, D. C.
 Hugh Craig, 312 California Street, San Francisco.
 Hon. Wm. L. Merry, United States Minister to Costa Rica, San Jose, Costa Rica.
 Charles Nelson, 144 Steuart Street.
 George A. Newhall, 114 Battery Street.
 * Louis A. Kimberly, Rear Admiral, U. S. N.
 * Daniel Ammen, Rear Admiral, U. S. N.
 * Col. Geo. H. Mendell, U. S. Engineer.
 * Hon. Lorenzo Sawyer.
 * Hon. Wm. H. Webb.

*Deceased.

LIST OF MEMBERS.

Name.	Firm.	Place of Business.
Adams, Edson F.,	Farmers & Merchants Savings Bank.	Oakland, Cal.
Adams, W. J.	Lumber and Shipping.	118 Battery.
Addison, Thos.,	Dist. Mgr. General Electric Co.	Union Trust Bldg.
Alameda Sugar Company.		268 Market.
Alaska Commercial Company		907 Kohl Bldg.
Alaska Codfish Company.		159 Sacramento.
Alaska Packers' Association.		74 Folsom.
Albion Lumber Company.		1031 Monadnock Bldg.
Alexander & Baldwin, Ltd.	Commission Merchants.	426 California.
Allen, C. R.,	Wholesale Coal Dealer,	Broadway Wharf, Oakland, Cal.
Allen, E. T.		Box 143, Sonoma, Cal.
American Beet Sugar Company		604 Mission.
American Biscuit Company.		816 Battery.
American Can Company.		Kohl Bldg.
American-Hawaiian Engineering & Construction Co.		332 Turk.
American Milling Company.	Flour and Mill Products.	165 Erie.
American National Bank.		427 California.
American Steel & Wire Company		16th and Folsom.
American Trading Company.		1003 Monadnock Bldg.
Ames, Harris, Neville Company		607 Front.
Andros, Milton.	Attorney-at-Law	1926 Broadway.
Anglo-American Crockery Company		8th and Yuma.
Anglo-California Bank.		NE. cor. Pine and Sansome.
Arnstein, Simon & Co.	Importers Cloth, etc.	3rd and Mission.
Aronson Realty Company.		2053 Sutter.
Associated Oil Company.		11th Floor, Kohl Bldg.

Name.	Firm.	Place of Business.
Atlantic Gulf & Pacific Company, Contractors.....		Monadnock Bldg.
Avery, Wm. H.....	Toyo Kisen Kaisha.....	James Flood Bldg.
Auto Livery Company.....		Golden Gate and Van Ness Aves.
Bailey, Jas. D.	Insurance Co of North America..	102 Battery.
Baker, Wakefield.....	Baker & Hamilton.....	SW. cor. 3rd and Berry.
Balfour, Guthrie & Co....	Shipping and Commission..	416 Jackson.
Bank of British North America		120 Sansome.
Bank of California.....		424 California.
Barber Asphalt Paving Company		7th and Hooper.
Barnes, W. F., Commercial Co.		299 Monadnock Bldg.
Barneson-Hibberd Co.	Shipping and Commission..	170 East.
Bartnett, W. J, Vice-President Western Pacific Ry. Co.		Montgomery Blk.
Barton, Pittman & Co....	Bankers and Brokers.....	Jas. Flood Bldg.
Barton, Wm. F.....	Union Pacific Salt Co.....	46 Sacramento.
Bass-Heuter Paint Company.....		1532 Market.
Beadle, Donald, Beadle Bros., Shipping and Com....		172 East.
Beebe, Chas. W.....	Trumbull & Beebe.....	419 Sansome.
Bellingham Bay Lumber Company		Sansome and Chestnut.
Bemis Bros. Bag Company.....		Sansome and Vallejo.
Bertheau, Caesar.....	Fire Insurance Agent.....	Montgomery Blk.
Bennett & Goodall.....	Shipping	36 Steuart.
Bickford, C. E.....	Coffee Broker	52 Pine.
Bishop, Chas. R., Vice-President Bank of California..		424 California.
Bissell, Wm. A.....	Santa Fe Ry. Company....	673 Market.
Bissinger & Co.....	Hides, Wool, etc.....	2129 Jackson.
Blake, Moffitt & Towne....	Wholesale Paper Dealers..	1400 4th, Oakland, Cal.
Blanchard & Page.....	Importers Tea and Matting.	421 Market.
Blaskower, M. & Co.....	Tobacco	1117 Van Ness Ave.
Bliss & Faville.....	Architects	15 2nd.
Boesch Lamp Company.....		1135 Mission.
Bogue, Virgil G., Vice-Pres. Western Pacific Ry. Co..		Montgomery Blk.
Bonestell, Richardson & Co.	Wholesale Paper	473 6th.
Boole, W. A. & Son.....	Ship Builders.....	54 Steuart.
Borel, Antone & Co.....	Bankers	480 California.
Bovee, Toy & Co.....		328 Montgomery.
Bowring & Co.....	Real Estate	118 Battery.
Boyd, John F.....	Real Estate	Montgomery Blk.
Bradford, Brodie M., Sec. Alameda & San Joaquin R. R.		Montgomery Blk.
Brandenstein, M. J. & Co.....		Mission and Spear.
Brann & Prior.....	Sail Makers	114 Main.
Braun, F. W. & Co.....	Assayers' Supplies	303 Market.
Briggs, Arthur R....	California State Board of Trade..	Ferry Bldg.
Brigham, Hooper & Co....	Dairy Dealers	360 11th, Oakland, Cal.
Britton & Rey.....	Lithographers	555 Commercial.
Brooks-Follis Electrical Corporation		212 First.
Brown, A. A.....	Merchandise Broker	2010 Devisadero.
Brown, J. Dalzell.....	Vice-Pres. Cal. Safe Dep...	California and Montgome
Bruns, J. F.....	Mgr. Libby, McNeal & Libby..	94 Carl.
Buckingham & Hecht.....	Shoe Manufacturers	1500 Valencia.
Bunker, C. D. & Co., Ship, Freight & Custom Brokers..		407 Washington.
Bunker, Wm. M.....	1417 G St., Northwest,	Washington, D. C.
Butler, A. H.....	20 Broad St.,	New York, N. Y.
Butler, Geo. E.....		Ross, Marin Co., Cal.
Bray Bros.	Wholesale Grain and Beans.	220 Clay.
Buck, W. E.....	Associated Oil Company...	11th Floor, Kohl Bldg.
Caffrey, John, Francis Druz & Co., South End Whse. Co.		2nd and Townsend.
Cahn, Nickelsburg & Co....	Mfrs. Boots and Shoes.....	17 South.
California Barrel Company.....		22nd and Illinois.
California Canneries Company		18th and Minnesota.
California Cotton Mills Company	East Valdez, E. Oakland, Cal.	
California Door Company.....		20 Drumm.
California Fireworks Company		219 Front.
California Fruit Cannery Association		436 Sansome.
California-Hawaiian Sugar Refining Company		204 California.
California Hotel		Bush Street.
California Hydraulic Engineering and Supply Co.....		305 Market.
California Ink Company.....		31 Clementina.
California Shipping Company		268 Market.
California Sugar and White Pine Agency		12th Floor, Jas. Flood Bldg.
California Wine Association.....		180 Townsend.
Campe, Henry & Co., Inc...	Wholesale Liquors	1611 Howard.
Canadian Bank of Commerce		California and Sansome.
Capelle, Robert	North German Lloyd S. S. Co..	756 Van Ness Ave.

Name.	Firm.	Place of Business.
Castle Bros.	Wholesale Grocers	1444 O'Farrell.
Caswell, Geo. W. Company.	Wholesale Grocers	530-34 Folsom.
Catton, Bell & Co.	Commission and Insurance.	13th and Harrison, Oakland.
Central Trust Company of California		42 Montgomery.
Challenge Glue Company		2644 Howard.
Chamberlain, W. G.		907 Fillmore.
Chapman, Jas. F. & Co.	Shipping Merchants	Lumbermen's Bldg.
Chapman, Wilfrid B.	Commission Merchant	628 Montgomery.
Chesebrough, A., Williams, Dimond & Co., Shipping.		426 California.
Chesebrough, H. C.	Tacoma Mill Company	234 California.
Chevalier, F. Company, The.	Liquor Merchants	57 Washington.
Chrestofferson & Tway	Shipsmiths	420 Beale.
Christensen, Chas.	American Central Ins. Co.	20th & Telegraph Ave., Oak.
City Street Improvement Company		17th and Harrison.
Clabrough, Golcher & Co.	Sporting Materials	538 Market.
Clarke & Montealegre	Importers and Comm.	268 Market.
Clark, N. & Sons	Sewer Pipe, Brick, etc.	19 Spear.
Clark, W. D.	Williams, Dimond & Co.	426 California.
Clark, W. F. & Co., Inc.	Shipping and Commission ..	26 Clay.
Clegg, Serwe & Prien, Drug Brokers and Mfg. Agents.		528 3rd.
Clinch, C. G. & Co.	Paints, Oils, etc.	2310 Buchanan.
Cluett, Peabody & Co.	Whse. Collars and Shirts ..	Alameda, Cal.
Cole, Daniel T.	United States Mint	5th and Mission.
Cole, John R. Company	Manufacturers' Agents	766 Folsom.
Coleman, Edward	Capitalist	1701 Franklin.
Columbia Marble Company		268 Market.
Compressed Air Machinery Company		Jessie and Ecker.
Connecticut Fire Insurance Company		520 California.
Connor, F. F., Freight Traffic Mgr. Pac Coast S. S. Co.		Broadway Wharf, Pier 9.
Conradi & Goldberg		530 12th, Oakland, Cal.
Continental Building & Loan Association		211 Church.
Cook, H. N. Belting Company		317-319 Howard.
Cox, Thos. A.	Cox Seed and Plant Co.	109 Market.
Crane Company		First and Howard.
Crocker Estate Company		636 Market.
Crocker, Henry J.	Capitalist	1700 California.
Crocker, H. S. Company	Stationers, etc.	230-240 Brannan.
Crocker National Bank		Crocker Bldg., Post and Market.
Crother, R. A.	The Bulletin	Lombard and Sansome.
Cudahy Packing Company		45 Clay.
Cunningham, Curtis & Welch		Irwin, bet. 6th and 7th.
Curtis, A. A.	104 Lamet Place, San Rafael, Cal.	
Curf, Baruch., Mgr. Industrial Commercial Exhibit, Inc.		Crossley Bldg.
Calkins, W. P.	Pres. Calkins Newspaper Syndicate.	24 Clay.
Courtwright, W. L.	Broker	416 Jackson.
Cranslor & Lyon Motor Supply Co., Inc., Auto Acces.		542 Golden Gate Ave.
California Transportation Company		Jackson St. Wharf.
Canforth Warehouse Company		Cor. Battery & Broadway.
Cavis, Horace	Pres. Sperry Flour Co.	133 Spear.
Cavis, J. B. F. & Son	Insurance Brokers	1224 Buchanan.
Cay, Thos. Company	Gas Fixtures	725 Mission.
Cean, Walter E.	Capitalist	Kohl Building.
Deere Implement Company		Cor. Illinois and Merrimac.
De Fremery & Co.	Commission Merchants	628 Montgomery.
Denniston, E. G.	S. F. Plating Works	1349 Mission.
Devlin, Frank J.	Atlas Assurance Company ..	900 Eddy.
De Young, M. H.	"The Chronicle"	Chronicle Bldg.
Dickie, John W.	Shipbuilder	34 Steuart.
Dickson, Frank W., Mgr. Royal Exchange Assurance Co.		900 Eddy.
Dieckmann & Co., Importers of Coffee, Hardwood, etc.		502 California.
Dimond, E. R., Williams, Dimond & Co., Shipping		426 California.
Dinkelspeil, Samuel	L. Dinkelspeil & Co.	781 Golden Gate Ave.
Doble, Abner Company	Iron, Steel, etc.	Fremont and Howard.
Dodge, Sweeney & Co.	Dairy Produce	5 and 6 Hathaway Wharf.
Dollar, Robert	Dollar Steamship Company ..	24 Market.
Donohoe, Jos. A.	Banker	100 Montgomery.
Dornin, Geo. D.	National Fire Ins. Co.	Kohl Bldg.
Dow, Geo. E.	Geo. E. Dow Pumping Engine Co.	179 First.
Drum, Frank G.	Agent Tevis Estate	1414 Post.
Dunham, Carrigan & Hayden, Hardware		131 Kansas.
Dunsmuir's Sons' Co., R.	Coal	340 Steuart.
Dutton, Wm. J.	Fireman's Fund Ins. Co.	401 California.
Du Pont de Nemours Powder Company, E. I.		Berkeley, Cal.

Name.	Firm.	Place of Business.
Earl, D. W. & Co.	Forwarding Agents	2121 Laguna.
Eberhard, Geo. F. Company		2486 Shattuck Ave., Berkeley, Cal.
Eichbaum, W. P.		148 1st.
Electrical Ry. and Manufacturers' Supply Co.		619 Howard.
Emporium, The	Department Store	Post and Van Ness Ave.
Erlanger, Simon	Erlanger & Galinger	525 Market.
Eschen, J. C.	Eschen & Minor, Stevedores	46 Steuart.
Evans, C. H. & Co.	Machine Works	109 Fremont.
Everding, John	J. Everding & Co.	48 Clay.
Fairbanks, Morse & Co.	Scales, Windmills, etc.	531 Howard.
Fairbanks, N. K. Company	W. W. Saint, Mgr.	268 Market.
Fargo, E. A. Company	Whse. Wines and Liquors	1641 Broadway, Oakland.
Farish, R. R.	"San Francisco Trade Journal"	109 Davis.
Farnsworth & Ruggles	Teaming and Forwarding	109 Davis.
Ferris, John W.	Engineer and Contractor	Kohl Bldg.
Fife, Geo. Storrs		1201 California.
Finn Metal Works, John		Second and Harrison.
First National Bank		Bush and Sansome.
Fischer, L. P. Advertising Agency		836 North Point.
Fishbeck Soap Company		17th, bet. Rhode Island and De Haro.
Fleishhacker, A. & Co.	Paper Boxes	Grant Ave. and Bush.
Flood, Jas. L.	Capitalist	James Flood Bldg.
Folger, J. A. & Co.	Spices, etc.	Spear and Howard.
Foster, A. W.	Pres. The Foster Company	James Flood Bldg.
Frank, S. H. & Co.	Hides, etc.	2070 Market.
Fredericks, Jos. & Co.	Carpets, etc.	815 Ellis.
Frink, Geo. K.	Thos. Downing & Co., Inc.	2626 Vallejo.
Fry, R. D.	Cal. Safe Dep. & Trust Co.	628 Montgomery.
Fuller, Wm. P.	Paints, Oils, etc.	Mission and Beale.
Garcia & Maggini	Commission Merchants	106 Washington.
Garden, Frank M.	Supt. Geo. Fuller Company	825 Monadnock Bldg.
Garratt & Co. W. T.		138-148 Fremont.
Gas Consumers' Association		345 Haight.
Gerberding, A. & Co.	Grain and Commission	616 Merchants Ex. Bldg.
German Savings and Loan Society, The		526 California.
Germania National Bank		519-521 Market.
Getz Bros. & Co.	Wholesale Produce	Davis and Sacramento.
Ghiradelli, D. Company	Manufacturers Chocolate	940 North Point.
Giant Powder Company		Kohl Bldg.
Girvin & Eyre	Grain and Ins. Brokers	Merchants Exchange Bldg.
Gladding, McBean & Co.	Terra Cotta, etc.	SW. cor. Eddy and Hyde.
Globe Grain and Milling Company		Chestnut and Montgomery
Goldberg, Bowen & Co.	Grocers	1242 Van Ness Ave.
Golden Gate Asparagus Company		212 California.
Golden Gate Brick Company, The		Antioch, Cal.
Golden State and Miners' Iron Works		237 1st.
Goodall, Edwin	Goodall, Perkins & Co.	1317 Jackson, Oakland.
Goodyear Rubber Company		573 to 579 Market.
Grace, W. R. & Co.	Shipping and Commission	Montgomery Blk.
Grant, Jos. D.	Murphy, Grant & Co.	8th and Franklin, Oakland - 7.
Gray, George D.	Wholesale Lumber	Harrison St. Dock.
Gray, George F.	Pres. Gray Bros., Contractors	Wells-Fargo Bldg.
Greenebaum, M.	Greenebaum, Weil & Michaels	Sixth and South.
Greenewald, O. H.		Merchants Exchange Bldg -
Griffith Durney Company	Wholesale Commission	Sansome near California -
Griffin & Skelley Company		Franklin and Ellis.
Guggenlime & Co.	Dried Fruits, etc.	Davis and Sacramento.
Guittard, E. & Co.	Coffee, Tea, Spices, etc.	720-726 Harrison.
Gutte, I.	Gutte & Frank, Ins. Agts.	110 Battery.
Haas Bros.	Wholesale Grocers	100 California.
Hale Bros., Inc.	Dry Goods Merchants	6th and Market.
Hall, A. I. & Son		717 Market.
Hamilton, Alexander	Baker & Hamilton	3rd and Berry.
Hammer & Co.	Commission Merchants	230 Clay.
Hanify, J. R. & Co.		24 Market.
Harries, W. H.	Hongkong & Shanghai Banking	411 Montgomery.
Harrison, M. C. & Co.	Adjusters and Underwrts.	Merchants Exchange Bldg.
Harron, Rickard & McCone	Machinery	436 Market.
Harvey, J. Downey	Capitalist	2555 Webster.
Harter, Hayes & Co.		314-316 Davis.

LIST OF MEMBERS

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Name.	Firm.	Place of Business.
Aslett Warehouse Company		105 Townsend.
Aven, C. D., Liverpool & London & Globe Ins. Co.		422 California.
Avens, F. C.	Mgr. Realty Syndicate	Union Sav. Bank Bldg., Oak.
Awaiian Commercial and Sugar Company		2023 California
Awkins, C. A.	Mgr. White Sewing Machine Co.	Market and Van Ness Ave.
Baily, Tibbitts & Co.	Engineers and Contractors	Mission St. Dock.
Bechtman, A. J.		507 Kohl Bldg.
Biese, O. E. & Co.	Custom House Brokers	511 Washington.
Bellman Bros. & Co.	Commission Merchants	118 Battery.
Belvetia Milk Condensing Company		2322 Devisadero.
Bendry, C. J. Company	Ship Chandlers	9 Clay.
Bendy Machine Works, Joshua		75 Fremont.
Benshaw, Bulkley & Co.	Engineers	219 Spear.
Berold, Rudolph, Jr.	Real Estate and Insurance	883 Eddy.
Berring-Hall-Marvin Safe Co., Safes		1161 Mission.
Beyneman, Herman	Wholesale Tobacco	325 Davis.
Beywood Bros. & Wakefield Co.		725 Howard.
Bickman & Masterson	Lumber and Shipping	Mason and Jefferson.
Bicks-Judd Co., The	Printers and Bookbinders	270 Valencia.
Bill, Chas. E., Gen. Mgr. De Laval Dairy Supply Co.		Drumm and Sacramento.
Bills Bros.	Dairy Produce and Com.	645 Howard.
Bilmer Co., Fred L.		26 Clay.
Bind, Rolph & Co.	Shipping and Commission	204 California.
Birschman, A.	Jewelry	1641 Van Ness Ave.
Bodsumi, Taro	Mgr. Yokohama Specie Bk.	515 Montgomery.
Boffman, Rothschild & Co.	Wholesale Clothing	Golden Gate Ave. & Gough.
Bolbrook, Merrill & Stetson	Hardware	6th and Townsend.
Bolmes Investment Company, The		1045 Monadnock Bldg.
Bolmes, Fred & Co.	Ship and Freight Brokers	Mission St. Bulkhead.
Bolmes Lime Company, The		10th Floor, Mutual Savings Bank Bldg.
Bolt Bros. & Co.	Wagons, etc.	914 Folsom.
Boper, Geo. K.		San Anselmo, Cal.
Boper, C. A. & Co.	Wholesale Lumber	82 Steuart.
Boper, Geo. Warren		Occidental Hotel.
Hotel Bristol		1528 Sutter.
Hotel Dorchester		1482 Sutter.
Hotel Jefferson		Turk and Gough.
Hotel Savoy		Van Ness Ave and Ellis.
Hotel St. Francis		Geary and Powell.
Boward, H. Z.	Supt. Oceanic Steamship Co.	Pacific St. Wharf.
Bulme & Hart	Commission Merchants	19th and Tennessee.
Bumboldt Savings Bank		646 Market.
Bume, Geo. W. Company		268 Market.
Bume, R. D.	Pres. Klamath Packing & Trading Co.	110 Battery.
Bunt Bros. Company	Commission Merchants	Haywards, Cal.
Button, C. A. & Co.	Flour Merchants	Merchants Exchange Bldg.
Illinois-Pacific Glass Company		15th and Folsom.
International Banking Corporation		415 Montgomery.
Irvine-Stanton Co.	Wholesale Grocers	423 Drumm.
Ivanovich & Co., J.	Fruits, Commission, etc.	209 Washington.
Jaderrieden, J. B. Co.	Packers, Shippers	717 Monadnock Bldg.
Jackson, Byron	Byron Jackson Machine Works	Carlton Station, W. Berkeley.
Jacobi, J. J.	Lachman & Jacobi, Wines	706 Sansome.
Jeffery, J. C.	Western Pacific Ry. Co.	New York.
Jeffery, E. T.	Western Pacific Ry. Co.	New York.
Jennings, Rufus P.	Importer and Exporter	Union Square.
Jensen, Jacob	Shipping and Commission	42 Clay.
Jesse Moore Hunt Company	Whse. Wines and Liquors	762 Harrison.
Johnson-Locke Mercantile Company		213 Sansome.
Johnson, J. C. & Co.	Harness, Leather, etc.	2nd and Clay, Oakland, Cal.
Jones-Paddock Company	Coffee, Tea, Spices, etc.	2nd and Clementina.
Josslyn, G. M. & Co.	Ship Chandlers	106 Main.
Judson Manufacturing Company, Iron Works		819-823 Folsom.
Luffman, L.	Grain Broker	216 California.
Leithley, E. A.	Manufacturers' Agent	216 California.
Leley-Clarke Company	General Agents	23 Market.
Leely, James R.	Pres. Hibernia S. & L. Society	Jones and McAllister.
Leentfield, E. E.	Kentfield & Co., Lumber	318 Steuart.
Leystone Boiler Works		Main and Folsom.
Leirkpatrick, John C.	Manager	2123 California.

Name.	Firm.	Place of Business.
Kohlberg & Co.	Leaf Tobacco	526 Washington.
Koshland, S. & Co.	Wools, Bags, etc.	426 California.
Kruse, Emil T.	Shipping, etc.	23 Market.
Kunz, Henry	Chas. Meinecke & Co.	314 Sacramento.
Kutner, Goldstein & Co.		423 Monadnock Bldg.
Lally Company	Steam & Plumbing Supplies.	1st and Folsom.
Landers, John	Mgr. Manhattan Life Ins. Co.	2522 Octavia.
Landers, Wm. J.	Mgr. London Assur. Corp.	1418 Franklin.
Lastreto, L. F.	Com. Merchant & Consul Ecuador.	9 Mission.
Leavitt, J. W. & Co.	Automobile Supplies	441 Golden Gate Ave.
Leist, Chas. J. & Co.	Flour, Grain and Produce.	2835 Washington.
Levinson, J. B.	Fireman's Fund Ins. Co.	401 California.
Lewis, Wm. & Co.	Cigars and Tobacco.	307 Market.
Liebes, H. & Co.	Furriers	1442-1444 Van Ness Ave.
Lilienthal, E. R., Lilienthal & Co., Hop Dealers & Com.		27 Minna.
Linen Thread Company, The		3rd and Magnolia, Oakland.
Livingston & Co.	Wholesale Liquors	3445 17th.
Livingston, Smith & Co.	Insurance Commission	216 California.
Lloyd, Reuben H.	Attorney-at-Law	660 Grove.
Loaiza, W. & Co.	Commission and Insurance.	P. O. Box 2051.
London & Lancashire Fire Insurance Company		2101 Van Ness Ave.
London, Paris & American American Bank		NW. cor. Sansome & Sutter.
Lowden, W. H., Mgr. Norwich Union Fire Ins. Society.		314 California.
Lukens, E. G.	Judson Dynamite and Powder Works.	2044 Center, Berkeley, Cal.
Lund, Henry.	Henry Lund & Co., Shipping and Com.	Room 208 Montgomery Blk.
Lyons, E. G. & Raas Co., The, Wines and Liquors.		430 Bryant.
Lovell-Field Company		87 Sacramento.
Macondray & Co.	Commission and Insurance.	172 East.
Magee, Thos. & Sons.	Real Estate	5 Montgomery.
Magnesia Asbestos Supply Co.		157 Spear.
Mailliard & Schmiedell.	Commission Merchants.	202 California.
Maldonado & Co.	Importers	268 Market.
Malm, C. A. & Co.	Trunks, Bags, etc.	18th and Folsom.
Manheim, Dibbern & Co.	Insurance Agents	114 Battery.
Mann, C. M.	Successor to I. de Turk.	280 7th.
Mann, Gustav.	Manager Hotel Majestic.	1500 Sutter.
Marshall-Newell Supply Co.	Eng. and Mach. Supplies.	146 Steuart.
Marston, Wm. H.	Welch & Co.	502 California.
Martin, John	Martin Pipe & Foundry Co.	945 Franklin.
Matson, Wm.	Matson Navigation Co.	142 Steuart.
Mattoon & Co.	Custom House Brokers.	409 Battery.
Maybeck, B. R.	Architect.	La Loma and Buena Vista, Berkeley.
Mayhew, F. E. & Co.	Custom House Brokers.	511 Washington.
McCreery, Andrew B.	Capitalist	934 Haight.
McLaren, Goode & Co.		305 Montgomery.
McLaughlin Company, The.		1700 California.
McNab & Smith.	Draying	Brannan near 7th.
McNear, Geo. W.	Flour, Grain, etc.	210 Battery.
McNear, Geo. W., Jr.	Flour, Grain, etc.	210 Battery.
Mechanics' Savings Bank.		143 Montgomery.
Meese & Gottfried Company.	Machinery	19th and Harrison.
Mendocino Lumber Company		Room 529 Monadnock Bldg.
Metcalf, John	Surveyor Lloyds Register.	218 California.
Meyer, Daniel	Banker	216 Pine.
Meyer, Wilson & Co.	Shipping and Commission.	424 California.
Michigan S. S. Company.		28 Steuart.
Mighell, Wm. E.	Pres. Cal. Shipping Co.	Steuart near Mission.
Miller & Lux.	Wholesale Cattle	862 Howard.
Mills, W. H.	Land Agent S. P. Co.	Flood Bldg.
Minor, Robert	Eschen & Minor Company.	46 Steuart.
Mitchell, Geo. M. Co., Agts. Home & Westchester Ins. Co.		813 Grove.
Mitsui & Co.	Commission Merchants.	Merchants Exchange Bldg.
Montague, W. W.	W. W. Montague & Co.	Cor. Polk and Turk.
Mobile Carriage Co., The.	J. A. Marsh, Mgr.	Golden Gate Ave. & Gough.
Moore, Chas. C. & Co.	Engineers	63 1st.
Moore, Ferguson & Co.	Commission Merchants.	690 Commercial.
Moore, Geo. A. & Co.		2404 Broadway.
Moore, J. J. & Co.	Commission Merchants	215 Pine.
Moore & Scott Iron Works, The		Main and Howard.
Morse, C. C. & Co.	Seeds, etc.	171 Clay.
Morse, I. H.	City Warehouse Company.	1691 Bush.

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Name.	Firm.	Place of Business.
Morton Draying & Warehouse Company		Folsom St. Wharf.
Mugan, William G.	Dolbeer & Carson	10 Lumbermen's Bldg.
Murray Bros.		619 Sacramento.
Naber, Alfs & Brune	Wholesale Wines	825 Mission.
Nason, R. N. & Co.	Paints, Oils, etc.	Potrero Ave., 15th & Utah.
Nathan-Dohrmann Co.	Wholesale Crockery	1 West El Dorado.
Neal, Geo. F.	Neal Publishing Co.	66 Fremont.
Nelson, The Chas Co.	Shipping and Lumber	144 Steuart.
Neustadter Bros.	Whse. Furnishing Goods	115 Hayes.
Newell & Bros.	Manufacturers Soap, etc.	Army and San Bruno.
Newell, M. A.	Agt. Tokio Marine Ins. Co.	218 California.
Newhall, H. M. & Co.	Shipping and Commission	114 Battery.
Newman Bros.	Shipping & Com. Merchants	141 Sacramento.
New Zealand Insurance Company		312 California.
Northern Commercial Company		205 Merchants Ex. Bldg.
Nunan, Matthew	Hibernia Brewery	1241 Howard.
Onffroy, R.	Pres. Pac. Alaska Transportation Co.	412 Crossley Bldg.
Otis Elevator Company		Stockton, North Point and Beach.
Overland Freight and Transfer Company		Howard St. Wharf.
Otis, McAllister & Co.		426 California.
Pacific Acetylene Gas Company		
Pacific Coast Casualty Company		Merchants Exchange Bldg.
Pacific Coast Company	Coal Importers	Beale and Bryant.
Pacific Coast Rubber Company, H. C. Norton, Mgr.		138-140 1st.
Pacific Coast Syrup Company		713 Sansome.
Pacific Hardware and Steel Company		7th and Townsend.
Pacific Improvement Company		Geary and Buchanan.
Pacific Lumber Company, The		Maritime Bldg., East St.
Pacific Mail Steamship Company		Flood Bldg.
Pacific Metal Works		153-159 1st.
Pacific Mutual Life Insurance Company		903 Eddy.
Pacific Portland Cement Company		1024 Franklin.
Pacific Redwood Shingle Company		2619 Laguna.
Pacific States Telephone & Telegraph Company		Scott and Fell.
Pacific Steam Whaling Company		208 Battery.
Pacific Steel & Wire Company		Market and East
Pacific Surety Company		326 Montgomery.
Pacific Tool & Supply Company		556 Howard.
Page Bros.	Ship Brokers	414 Montgomery.
Paraffine Paint Company		Union Sav. Bank Bldg., Oak.
Parrott & Co.	Shipping and Commission	204 California.
Partridge, John	Stationer	759 Fillmore.
Pascal, Dubedat & Co.	French Wines	117 Davis.
Payne, Theo. F.	Capitalist	Menlo Park, Cal.
Payson, A. H.	Asst. to Pres. Santa Fe Ry. Co.	Monadnock Bldg.
Pease, E. W.	Mgr. Remington Typewriter Co.	1015 Golden Gate Ave.
Perkins, Geo. C.	Goodall, Perkins & Co.	1317 Jackson, Oakland, Cal.
Perrin, Howard	Agt. Washington Life Ins. Co.	701 Monadnock Bldg.
Peyton Chemical Company		328 Montgomery Blk.
Phelan, Jas. D.	Capitalist	Mutual Savings Bank Bldg.
Phillips, M. & Co.	Rice Growers & Brokers	62-64 Pine.
Phoenix Packing Company		118 Davis.
Pierson, Roeding & Co.	Pipe and Machinery	407 Monadnock Bldg.
Pike, C. W. & Co.	Commission Merchants	9 Mission.
Pioneer Automobile Company		901 Golden Gate Ave.
Piper-Aden-Goodall Co.	Shipping Merchants	Jackson St. Bulkhead.
Pollard, Thos.	Lumber and Shipping	Howard St. Wharf.
Pollitz, Edward & Co.	Stocks and Bonds	420 California.
Plummer, Geo. E.	Shipping and Commission	54 Steuart.
Pond E. B.	Capitalist	California and Montgomery.
Port Costa Milling Co.		Battery and California.
Raymond, Geo. A.	Real Estate	Room 301, 1537 Bush.
Realty Syndicate, The		13th and Broadway, Oak.
Reddington & Co.	Wholesale Druggists	3rd, bet. Brannan & Townsend
Reid Bros.	Architects	2325 Gough.
Reinhart Lumber & Planing Mill Company		17th and Kansas.
Renters' Loan & Trust Company		115 Hayes.
Rhine, Henry & Co.	Whse. Candy Mfrs.	Cor. 19th and Bryant.
Richards, John W.		Berkeley, Cal.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Rinaldo Bros. & Co.	Wholesale Cigars	1641 O'Farrell.
Risdon Iron Works.		Potrero.
Roebings, John & Sons' Co.		202-204 2nd.
Rollins & Sons, E. H.	Bankers, etc.	Kohl Bldg.
Roussel & Davidson.	Commission Merchants	59-63 Washington.
Rosenberg Bros. & Co.	Dried Fruits	SW. cor. Brannan & Japan—
Rosenblatt Company, The.	Cal. Wines and Brandies.	Sacramento, Cal.
Rosenfeld's Sons, John.	Shipping and Commission.	809 Montgomery.
Rosenthal, Louis	Insurance	308 California.
Roth & Co.	Wholesale Liquors	20th and Bryant.
Roth, Blum & Co.	Wholesale Provisions	38 California.
Russo-Chinese Bank		417 Montgomery.
Sanborn, Vail & Co.	Stationers	839-851 Mission.
Sanders & Kirchman.	Shipping and Commission.	220 Spear.
San Francisco Breweries, Ltd.		240 2nd.
San Francisco Dry Dock Company	Hunters'	Point, Green St. Wharf.
San Francisco National Bank		Merchants Exchange Bldg.
San Francisco News Company, The		1711 San Pablo Ave., Oak.
San Francisco Savings Union, The		California and Montgomery—
San Francisco Stevedoring Company		11 Steuart.
Sanitary Devices Manufacturing Company		16th and San Bruno.
Saroni, Louis	Wholesale Candy	Battery and Vallejo.
Saurman, Atlee B., Mgr. Standard Undergrd. Cable Co.		Bacon Blk., Oakland.
Sbarboro, Andrea		518 Montgomery.
Shannon-Conmy Press		509 Clay.
Schoenfeld, Jonas & Co.	Leaf Tobacco	516 Washington.
Schmidt Lithograph Co.		5th and Adeline, Oakland —
Schwabacher-Frey Stationery Co.		42-44 Sutter.
Schilling, A. & Co.	Coffee, etc.	2nd and Folsom.
Schwartz Bros.	Commission Merchants	2231 Clay.
Scott & Gilbert Co.	Manufacturing Chemists.	605 Pacific Ave., Alameda—
Scott-Rue Company.	Gen. Brokers and Agents.	339 Bush.
Scribner, H. D.	Mgr. Allis-Chalmers Co.	602 Mission.
Security Savings Bank.		316 Montgomery.
Selby Smelting & Lead Company		416 Montgomery.
Sesnon, John J. Co.	Shipping..	Room 4, Mutual Life Bldg., Seattle, Wash.
Sewall, Oscar T		82 Wall, New York, N. Y. —
Shainwald, Herman	Shainwald, Buckbee & Co.	1366 Sutter.
Sherwood & Sherwood.	Wholesale Grocers	Market and Pine.
Shipowners' and Merchants' Tugboat Co.		Green St. Wharf.
Shreve & Co.	Jewelry	Van Ness Ave. & Sacramen —
Siebe Bros. & Plageman.	Whse. Wines and Liquors.	418 Larkin.
Siegfried, J. C.	Tea Importer	2044 Alameda Ave., Alame —
Sierra Lumber Company.		4th and Channel.
Sierra Railway of California		Jamestown, Cal.
Simpson, A. M.	Simpson Lumber Company.	58 Drumm.
Slade, S. E.	Slade Lumber Company.	65 Mission.
Sloane, W. & J. & Co.	Whse. Furniture & Carpets.	Van Ness Ave. and Sutte —
Smellie, William	Coal Importer	517 Market.
Smith, A. A.	Fremont, Smith & Co., Commission.	2501 Steiner.
Smith, F. A.	Western Elec. Inst. Co.	418 Eugenia Ave.
Smith, F. M.	Capitalist	Albany Blk., Oakland, — al.
Smith, J. B.	Western Fuel Company.	340 Steuart.
South San Francisco Packing and Provision Company.		139 5th.
Southern Pacific Milling Co.		906 Broadway, Oakland —
Spaulding, Graul Company.	Printers	914 Howard.
Spear, E. S. & Co.	Auctioneers	24 Fell.
Sperry, Geo. B.	Insurance	Larkin and Lombard.
Spreckels, Claus		2027 Howard.
Spreckels, John D.		Laguna and Pacific Ave —
Spreckels, Rudolph		Mutual Savings Bank Bldg.
Spring Valley Water Company		1409 Sutter.
Sroufe & Co.	Wholesale Liquors	Devisadero and Grove.
Stafford, W. G.	Coal, Coke, etc.	214 East.
Standard Biscuit Company.		Pacific and Sansome.
Standard Oil Company.		1160 Broadway, Oakland —
Steinberg, A.	Mgr. Hotel Baltimore.	1015 Van Ness Ave.
Stevens, John H., Gen. Agt.	Aetna Life Ins. Company.	1849 Fillmore.
Stockton Milling Company.		112 California.
Storrer, L. W.	Supt. Postal Tel. Cable Company.	Room 9, Ferry Bldg
Strassburger, I. & Co.	Brokers	484 California.
Strauss, Levi & Co.	Dry Goods	6th and South.
Stubbs, D. D.	O. & O. S. S. Co.	James Flood Bldg.

LIST OF MEMBERS

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Name.	Firm.	Place of Business.
Studebaker Bros. of Cal.	Carriages, etc.	10th and Market.
Sumner, F. W., H. B. Sumner & Co.	Hides, Leather	220 Townsend.
Sussman, Wormser & Co.	Wholesale Grocers	Spear St.
Suydam Bros. & Rogers	Wholesale Grocers	30 Steuart.
Swayne & Hoyt	Custom House Brokers	403 Battery.
Swift & Co.	C. G. Sherwood, Agent	5th and Townsend.
Talbot, Wm. H.	Pope & Talbot, Lumber	Foot of Third St.
Taussig, Louis & Co.	Wholesale Liquors	3134 16th.
Tay, Geo. H. Company	Plumbers' Supplies	19th and Minnesota.
Taylor, C. L.	Pres. Sun Insurance Co.	Montgomery Blk.
Taylor, Jas. I.	Agent Everett Pulp & Paper Co.	728 Montgomery.
Tetzen, Chas. & Co.	Shipping and Commission	618 Battery.
Thayer, I. E.	Shipping	126 Beale.
Thompson, R. R.	Capitalist	Montgomery Blk.
Thomson Bridge Company	Contractors	174 Spear.
Thompson, Beach	Stanislaus Elec. Power Co.	909 Kohl Bldg.
Thornley, Wm. H.	Custom House Broker	409 Battery.
Tillmann, Frederick, Jr., Tillman & Bendel	Whse. Grocers	526 California.
Trower Bros.	Whse. Lumber, Shipping, etc.	Folsom and Steuart.
Triest & Co.	Importers Hats and Caps	27 South.
Troy Laundry Machinery Company		14th and Kirkham, Oakland.
Tubbs Cordage Company		10th Floor, Kohl Bldg.
Turner, Matthew	Shipbuilder	209 Steuart.
Tyson, Geo. H.	German-American Ins. Co.	1060 Broadway, Oakland.
Tyler, S. H. & Son	Coffee, Spices, etc.	711 Harrison.
Umbesen, G. H. & Co.	Real Estate	20 Montgomery.
Union Fish Company	Hathaway's Dock	Foot of Spear St.
Union Gas Engine Company		23rd Ave., E. Oakland.
Union Iron Works		Potrero.
Union Lumber Company		Monadnock Bldg.
Union Oil Company of Cal.		16th and Illinois.
Union Pulp and Paper Co.		414 Sansome.
United Carriage Company		1136 O'Farrell.
United Engineering Works		254-256 Spear.
United States National Bank	C. A. Hawkins, Pres.	1898 Fillmore.
Von Rhein Real Estate Company		2332 Pine.
Voss, Conrad & Co.	Insurance Agents	233 Monadnock Bldg.
Vulcan Iron Works		604 Mission.
Van Zandt & McIntyre	Automobile Supplies	515 Golden Gate Ave.
Walter, Isaac N.	D. N. & E. Walter & Co.	1803 Franklin.
Warren Improvement Company		210 9th.
Watt, Rolla V.	Royal & Queen Ins. Co.	314 California.
Watt, Robert	Langley & Michaels Co., Druggists	2016 California.
Weil, Raphael & Co.	Dry Goods	Van Ness Ave. and Pine.
Welch, A. P.	Welch & Co.	502 California.
Welch & Co.	Shipping	502 California.
Wells, Fargo & Co.	Express	31 2nd.
Wells, Fargo Nevada National Bank		Union Trust Bldg.
Western Engineering & Construction Company		721 Monadnock Bldg.
Western Expanded Metal & Fire Proofing Company		2265 California.
Western Fuel Company		340 Steuart.
Western Meat Company		Baden.
Western National Bank		Flood Bldg.
Western Repair & Supply Company, Ship Chandlers		86 Steuart.
Western Union Telegraph Company		Ferry Bldg.
West Side Lumber Company		175 Crocker Bldg.
White Bros.	Hardwood Lumber	Spear and Howard.
White, L. E. Lumber Co.		36 Steuart.
Williams, I. B.	Rep. American Tin Plate Co.	16th and Folsom.
Wilmerding, Loewe & Co.	Wholesale Liquors	354 Hayes.
Wilson, F. G.	Pac. Stevedoring & Ballasting Co.	30-32 Steuart.
Wilson, T. D. E.	O. & O. S. S. Co.	2226 Grove.
Wilson, J. C.	Broker	486 California.
Woods, H. F.	Woods Estate	2513 Pacific Ave.
Worden, Clinton E. & Co.	Manufacturing Druggists	957 Broadway, Oakland.
Whittell, Geo.	Capitalist	75 Sutter.
Whittier, W. F.	Capitalist	2028 Jackson.
Wendling, G. X.	Lumber	626 Market.
Weil, Wm. M.	Distributing Agent	221 Fell.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Yawman & Erbe Mfg. Co.	Desks, Chairs, Office Fur.	42 Oak.
Young, Frank J.	Agent	129 Montgomery.
Young, Harry R.	Stevedore	2452 Washington.
Ziele, F. W.	Pres. Mercantile Trust Co.	California and Montgomery.

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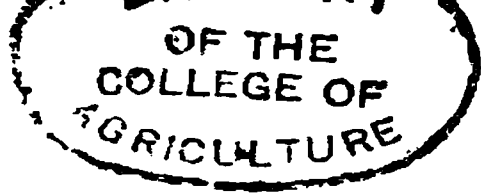
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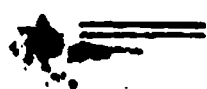
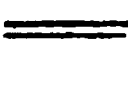
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FIFTY-EIGHTH ANNUAL REPORT

 **OF** 

THE CHAMBER OF COMMERCE OF SAN FRANCISCO

SAN FRANCISCO, CALIFORNIA, U. S. A.

=====

ADOPTED AT MEETING HELD JANUARY 21, 1908

FIFTY-EIGHTH ANNUAL REPORT

== OF ==

The Chamber of Commerce of San Francisco

ADOPTED AT MEETING HELD

JANUARY 21st, 1908

TOGETHER WITH

LIST OF OFFICERS AND STANDING COMMITTEES FOR THE
YEAR 1908-1909, RESOLUTIONS AND MEMORIALS,
BY-LAWS, HARBOR REGULATIONS, COM-
MERCIAL STATISTICS, ETC.

SAN FRANCISCO:
NEAL PUBLISHING COMPANY
1908

OFFICERS AND STANDING COMMITTEES

1908

CHAS. C. MOORE.....President
JAMES McNABVice-President
WM. L. GERSTLE.....Second Vice-President

TRUSTEES:

W. F. BARNES	JAMES K. MOFFITT
R. I. BENTLEY	HENRY J. MORTON
M. J. BRANDENSTEIN	WM. G. MUGAN
BRUCE BONNY	H. F. PRIEN
WM. M. BUNKER	HENRY ROSENFELD
WM. MATSON	JAMES TYSON

STANDING COMMITTEES

FINANCE:

JAMES McNAB	WM. G. MUGAN	J. K. MOFFITT
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LIBRARY:

HENRY ROSENFELD	H. F. PRIEN	W. F. BARNES
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MEMBERSHIP:

WM. M. BUNKER	JAS. TYSON	W. F. BARNES
---------------	------------	--------------

ARBITRATION:

H. F. PRIEN	HENRY ROSENFELD	JAMES K. MOFFITT
BRUCE BONNY		HENRY J. MORTON

APPEALS:

JAMES TYSON	WM. G. MUGAN	JAMES McNAB
R. I. BENTLEY		WM. MATSON

FOREIGN COMMERCE AND REVENUE LAWS:

WM. G. MUGAN	M. J. BRANDENSTEIN	HENRY J. MORTON
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INTERNAL TRADE AND IMPROVEMENTS:

JAMES K. MOFFITT	R. I. BENTLEY	HENRY ROSENFELD
------------------	---------------	-----------------

HARBOR AND SHIPPING:

WM. MATSON	M. J. BRANDENSTEIN	WM. L. GERSTLE
------------	--------------------	----------------

RECEPTION AND ENTERTAINMENT:

WM. L. GERSTLE	WM. M. BUNKER	BRUCE BONNY
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SECRETARY, TREASURER AND LIBRARIAN:

CHESTER W. BURKS.

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PRESIDENT'S ANNUAL REPORT

To The Members of

The Chamber of Commerce of San Francisco :

Gentlemen:—Our pessimists were in full flight during January of 1907. Some had said that it would take six months to clear the debris from the streets before any building of importance could be done. They had also said that the large bank clearings of the summer and fall months of 1906 were caused by the heavy insurance payments and that they would surely decrease. They were amazed at the fact that the streets, while sadly wrecked with the heavy teaming, were in fact cleared of debris before the end of the year, and were astonished that the bank clearings for 1906 were larger than any year in our history.

BANKING.

The situation to-day is equally astonishing, building has progressed to an incredible extent, approximately ninety millions of dollars having been expended since the fire. The bank clearings for the year 1907 are the largest in the history of our city, \$2,133,883,628.80, exceeding the record figures of 1906 by over \$135,000,000—this in spite of the financial stringency and the heavy falling off in the clearings of November and December. The banking institutions of San Francisco, with one exception, have weathered a most trying financial storm which has prevailed throughout the country. The great wealth and prosperity of the territory tributary to San Francisco make it the metropolis of the Pacific Coast, despite all adverse conditions. The productions for the year 1907 are estimated as follows:

CALIFORNIA'S PRODUCTS.

Gold	\$17,360,000	
Silver	975,000	
Oranges	24,300	carloads
Lemons	4,200	"
Beet Sugar	163,800,000	pounds
Wheat	6,500,000	centals
Barley	9,500,000	"
Corn	1,000,000	"
Oats	4,200,000	"
Honey	6,500,000	pounds
Raisins	140,000,000	"
Almonds	1,800,000	"
Walnuts	14,000,000	"
Prunes	72,000,000	"
Deciduous Fruits (shipped fresh)	7,048	carloads
Canned Fruits	5,560,000	cases
Dried Fruits	254,375,000	pounds
Peaches	24,000,000	pounds
Apricots	3,000,000	"
Apples	3,600,000	"
Pears	1,000,000	"
Plums	1,500,000	"
Dried Grapes	375,000	"
Figs	6,000,000	"
Butter	28,678,439	"
Cheese	6,514,200	"
Hops	82,000	bales
Wool	15,000,000	"

REAL ESTATE.

The total sales of real estate for the year were 8,204 in number, valued at \$31,816,150; mortgages were 6,401 in number, valued at \$44,583,753.

INTEREST.

The interest rate during the first quarter of 1907 was 4½ to 5 per cent net; now it is 5½ to 6 per cent net. Building

operations continue to absorb a large percentage of available capital, and money is not so easily secured for commercial or other purposs.

LABOR.

As might have been expected, the year has brought an unusual amount of industrial strife. Property owners, in their anxiety to rebuild and secure an income, made arrangements with contracting firms who undertook to build on a commission basis, the more the building cost, the more the contractor received—work must be pressed at all hazards—workmen naturally saw their opportunity—increases were demanded and paid—laborers being particularly in demand. This condition naturally unsettled conditions in all trades, and indeed, landlords and merchants and manufacturers in many cases showed the same disposition “to make hay while the sun shines.” The limit was reached, numerous strikes occurred, and we are now going through the period of readjustment to more normal conditions.

PUBLIC HEALTH.

While the general health conditions have been remarkably good, early in the summer a few cases of bubonic plague were reported, and outside papers so exaggerated the conditions that from various Mexican and Central American ports came cancellations of orders placed with our merchants. Quarantine was feared, and while realizing that the health of the City was of first importance, it was hoped that some final expression from high and unprejudiced authority might be made that quarantine was unnecessary. Dr. Rupert Blue, of the Marine Hospital Service, was detailed by the Federal authorities to come from Washington. Within a few hours after his arrival and cursory examination of the situation, at the request of your President, Mayor Taylor secured a statement signed by the Federal, State and Municipal health authorities to the effect that there was no need of quarantine. This message was given to the Associated

Press that night and was cabled to many American consuls at foreign ports. Thus have the authorities in question shown that they are not alarmists, and their present words of warning are entitled to the more respect and confidence. Our people are not sufficiently aroused, and unless the campaign against rats is thoroughly pursued now, there is danger of more serious conditions and a quarantine next summer.

MUNICIPAL GOVERNMENT.

The new municipal administration just taking office promises to be the most effective and satisfactory the City has enjoyed for many years. Remarkable progress has been made in the reconstruction and repair of streets and sewers, and every branch of the city government seems to be quickened with the idea of meeting its responsibilities.

POLICY OF CHAMBER.

By reason of the extraordinary industrial, financial and social conditions which have prevailed in our city during the past year, your Trustees unanimously decided that we should give more than usual attention to local affairs, acting so far as possible in harmony with the other commercial organizations. Matters of state, national, and international affairs bearing upon the commerce of this port have had due attention as well, with the result that the Trustees have had one of the most active years in the history of the organization. They have all been men of affairs, in close touch with the various conditions existing in the City and the many important issues that have arisen. Their interest has been thoroughly aroused throughout the year, and the disposition has been to act promptly through special meetings of the Board rather than through the usual method of referring to the Standing Committees. As a consequence your Trustees have held more special meetings during the past year than in any year since the Chamber of Commerce was organized.

MEMBERSHIP.

In spite of the fact that many members went out of business at the time of the fire, most of whom have been carried on the roll during the past year, the actual paying membership has increased during the year. No effort has been made to secure new members, but we have had many unsolicited applications—apparently sent as an endorsement of the work being done by the Chamber.

TREASURER'S REPORT.

As the Treasurer's report will show, there is a falling off in the funds, but it must be remembered that one thousand dollars (\$1,000.00) carried in the total amounts of last year were a special gift set aside to assist in refurnishing our new rooms. The amounts expended to assist in preserving law and order in our City during the Carmen's strike made an unusual drain upon the treasury, so that its present condition should give satisfaction to our membership.

THE YEAR'S WORK.

In the hasty review of the year's work which will follow will be considered only the more important topics where action was taken.

FOREIGN AFFAIRS.

The important items of a foreign nature considered during the year were: Correspondence with the Department of State and the Department of Commerce and Labor, regarding foreign insurance companies which were failing to meet their obligations to merchants in our city; head tax on aliens; letters from Japanese Chamber of Commerce relating to disorders in our city; an appeal for sufferers in the China famine; correspondence with the President of the United States relating to Japanese immigration; correspondence with the Japanese Association of America in relation to Japanese immigration. Conference and entertainment extended to Mr. Ishii of the Bureau of Foreign Commerce of

Japan; conference and entertainment extended to His Excellency Vicount Aoki, Ambassador from Japan to the United States, and Consul-General Koike, recently appointed to serve Japan at this port.

NATIONAL AFFAIRS.

In National affairs, it has been active in urging the construction of torpedo boats on the Pacific Coast; in an effort to secure for San Francisco firms the repairing of the transport "Sheridan"; in urging the adoption of the Bill to increase the efficiency of the United States Army; a Bill to increase the pay of officers and men in the Army and Navy; in securing improved transportation via the Isthmian Canal; in urging the adoption of the Ship Subsidy Bill; improved currency legislation; and the defeat of the Bill providing for a parcels post. During the visit of Secretary Straus, of the Department of Commerce and Labor, who was an honored guest at the luncheon extended to Mr. Ishii, we were successful in securing a prompt hearing on the Pure Food Bill, and it was through our organization that Secretary Straus was persuaded to send word to Secretary Wilson, of the Department of Agriculture, urging him to come here and to suspend action relating to the sulphuring of dried fruit until further investigation was made. During the visit of Secretary Garfield, of the Department of the Interior, we were given positive assurance that San Francisco merchants would have every opportunity for securing the business on Indian supplies which they have enjoyed in the past. In the matter of the city water supply, he stated that if San Francisco ultimately decided that they wanted to use the Hetch-Hetchy as a reservoir site, and if it appeared that there were no legal objections to such course, he would do everything in his power to assist our city officials in that direction. Your officers have been in close conference with the Board of United States Engineers, which has visited California, with a view of securing improvements of the Sacramento and San Joaquin rivers.

STATE AFFAIRS.

In matters of State legislation your Trustees have been active in the effort to secure an appropriation for the Pacific Ocean Exposition to be held in 1913; in securing a standard form of fire insurance policy, the Governor having appointed Mr. F. W. Van Sicklen a member of his special commission as representing The Chamber of Commerce of San Francisco. Frequent conferences have been held with the Harbor Commission in regard to improvements now in process and in contemplation.

LOCAL AFFAIRS.

Among the more important items in local affairs on which action has been taken during the year were the questions of the charge made by transportation companies for the loading and unloading of freight; the extension of the Belt Line on East street; the water supply for the city; the salt water auxiliary system for fire protection; opposing the appropriation for purchase of the Geary street road; the employment of Professor Wm. Carey Jones to pass on proposed Charter amendments; investigation of the Maguire murder; sending delegates to the Peace Conference held in our city during the visit of Secretary Straus of the Department of Commerce and Labor; securing indemnity bonds to protect members of the Board of Public Works from personal liability under the provisions of the present Charter; securing a lower rate of insurance in public warehouses; securing improved railroad service to Tonopah; protesting against proposed freight rates into the San Joaquin Valley which discriminated against San Francisco; seeking a reduction of fire insurance rates throughout California; the improvement of the barracks, officers' quarters and other buildings on the Presidio Reservation; the building of warehouses and transport docks as provided by Congressional appropriation; the building of a State Building in San Francisco as provided in the Special Session of the Legislature held in June, 1906; endeavoring to secure a better class of construction of school

REPORT OF THE PRESIDENT

aer public buildings in our City; preparation of a San
isco trade directory of our members to be distributed
territory reached by our merchants; seeking an im-
ed transportation and mail service to Alaska; endeavor-
to secure a proper improvement of vacant property by
ers, notably The Mutual Life Insurance Company of
w York City.

ENTERTAINMENT TO FEDERAL OFFICIALS.

Your Trustees have frequently entertained distinguished
guests at their own expense, notably Mr. Franklin K. Lane,
of the Interstate Commerce Commission, and important rail-
road officials who appeared at the meeting, this occasion
being made notable by the fact that Mr. J. C. Stubbs, of
the Harriman lines, indicated his desire to work in harmony
with the Commission. A banquet was tendered to the Cali-
fornian Congressional delegation, Senator George C. Perkins,
Congressmen Kahn, McLachlan, Knowland, Hayes and
Englebright being in attendance. Mr. Frank B. Anderson,
of the Bank of California, read a paper on the question of
"Currency Reform," and was listened to with marked
attention by the Congressional delegation present.

Your officers participated in the ceremonies incident to the
laying of the cornerstone of the new Customs House. An
active correspondence was had with Mr. Wm. R. Sproule
and others of wide experience in traffic matters, bearing on
the organization of a Traffic Bureau in The Chamber of
Commerce. Plans were under way to establish such a bureau
when it appeared wise to your Trustees to turn the matter
over to the Merchants' Exchange, which had also made
movements in the same direction, the Merchants' Exchange
offering the use of rooms rent free in case we endorsed their
movement.

GREATER SAN FRANCISCO.

As considerable interest had been aroused in the matter
of a Greater San Francisco, your Trustees thought it wise to
call a general meeting of representative citizens from all

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neighboring cities and towns, not committing San Francisco to the movement, but hoping to secure the appointment of a representative Committee of Investigation, who could thoroughly study all the important phases of the question and make a report which would have the respect and confidence of the people at large. The meeting was held in the rooms of The Chamber of Commerce; the committee is now at work and will publish its report in due time.

NEW ROOMS.

Our new rooms have proved to be very attractive to our members and have been used freely by them in the calling of various meetings. So long as partisan and sectarian meetings are avoided, our Trustees have been glad to extend the use of the rooms to any of our members who cared to use them for meetings having any bearing on the welfare of our City.

While being careful to avoid anything of a partisan character, as provided against in our by-laws, your Trustees addressed an open letter to all the County Committees of the various political parties in San Francisco County, urging joint non-partisan action in the selection of a municipal ticket.

CARMEN'S STRIKE AND CIVIC COMMITTEE.

There appears to be much confusion in the public mind as to the status of the several civic committees seeking to establish law and order at the time of the Carmen's strike, and apparent surprise that more was not accomplished by them. In view of the fact that the "Committee of Ten" came into existence at a general meeting called by the Trustees of The Chamber of Commerce, and in view of the fact that this Committee was consulted in the matter of the creation of the so-called "Committee of Seven," it may be pardoned if a brief outline of the activities of these committees be given, merely as a matter of record.

As the Carmen's strike threatened to hamper seriously the trade of the City, your Trustees met on the day the strike was declared and arranged for the joint meeting of the officers of the five older commercial organizations, namely—The Chamber of Commerce, Merchants' Association, Merchants' Exchange, Board of Trade, Manufacturers' and Producers' Association. At this meeting it was resolved to appoint an Executive Committee, consisting of the President of each of the five organizations and one other member from each organization, selected by its respective President. This constituted what was known as the "Committee of Ten," your President being elected as its Chairman. This Committee sought first to assist in suppressing disorder and enforcing the law. It was arranged with the Bar Association to send delegations of its members to the various Police Courts to see that cases were fairly tried. It provided stenographers who fully reported all court proceedings bearing on disorders in any way associated with the strike. It hired detectives and special police officers, who secured evidence and made arrests of various offenders. Meantime, Mayor Schmitz—then under indictment—had appointed a Committee of Fifty citizens, ostensibly to assist him in maintaining law and order. A special sub-committee of the Mayor's Committee of Fifty, consisting of Mr. Edgar J. DePue, Mr. Frank B. Anderson, and Mr. Joseph R. Howell, appeared before the Committee of Ten, requesting its assistance in the selection of seven men, to whom the Mayor had virtually promised to turn over the management of the City's affairs. It was suggested that each member of the Committee of Ten was to give a list of seven names representing men suitable for such responsibility. These names were submitted, but no canvass was had with reference to the seven actually selected. On the day following, those named in the letter which appears below were summoned to meet in rooms at No. 426 California street, in the building temporarily occupied by the Bank of California. Mr. Dohrmann was unable to attend on account of illness, his place being

filled later by Mr. William A. Magee. Mr. Frank B. Anderson called the meeting to order, and read the following letter:

“The situation in San Francisco is of such a nature that I deem it my duty to call to my aid men who, in my opinion, will place patriotism above partisan feeling, and to ask these men to advise me as to the best method of solving the many problems which confront us. With this object in view, I hereby appoint F. B. Anderson, C. H. Bentley, F. W. Dohrmann, Percy T. Morgan, Louis Rosenfeld, C. W. Slack, and F. W. Van Sicklen, to act as an advisory committee, and pledge myself to carry out during my administration all the recommendations which this committee may make to me, and to allow the committee to fill any vacancies that may occur in their number.

“(Signed) E. E. SCHMITZ,

“Mayor of San Francisco.

“San Francisco, May 15, 1907.”

The Committee organized, electing Mr. Anderson as Chairman; no Secretary was appointed and no minutes of the proceedings were kept. It was unanimously decided that the Committee of Seven would take no action that might in any way hamper the “Graft Prosecution,” and accordingly a Committee was appointed to confer with Mr. Spreckels and Mr. Heney to see if they would act with the Committee. These gentlemen took the matter under advisement. Meantime, the Committee of Seven went into conference with Governor James N. Gillett and Mayor Schmitz with regard to policing the City.

Certain requests were made of the Mayor, which were not complied with, creating serious doubt in the minds of the Committee as to the Mayor’s sincerity. Mr. Spreckels finally reported that he could not act with the Committee of Seven, and while he said he would do nothing to prevent the Committee working for the good of the City, he felt very strongly that it would embarrass the work of the prosecution; that the Mayor was not acting in good faith with the Committee; that the Mayor had control of the Police Com-

mission, the Police Department, the Board of Public Works and other commissions, and that these officers could be removed at the Mayor's pleasure; while the "Graft Prosecution," having incriminating evidence against the Supervisors, was compelling the Supervisors to do their duty, holding the fear of punishment over their heads; that Mayor Schmitz was hoping to get the Supervisors removed from office through the Citizen's Committee, but that the District Attorney could not, in his opinion, consent to the resignations of the Supervisors, so long as the power of filling such vacancies remained with Mayor Schmitz; that for these reasons he must decline to act with the Committee, but that, as soon as a conviction was secured against Mayor Schmitz, a new Mayor and Board of Supervisors would be appointed promptly, and at that time he would be glad to confer with the commercial organizations and other civic bodies as to the selection of the new Mayor. In view of all these facts, the Committee of Seven unanimously decided that it would be unwise to continue and so reported back to the Committee of Ten, asking for its discharge. The Committee of Ten made one more and final effort to bring better conditions for law and order by demanding of Mayor Schmitz that he remove the Police Commissioners and Chief of Police for flagrant violation of their duty, and to appoint some responsible persons in their stead. After repeated consultations with the Mayor's attorneys and his confidential advisors, it became evident that he would do nothing to antagonize the Police Department at that time when he was about to be tried, the Police Department then being the all-important factor in the summoning of jurors.

PROSPECTS.

San Francisco looks forward with full confidence—despite the expected trade shrinkage of a Presidential year, despite the very general financial stringency and the consequent retrenchments. As indicated in the "San Francisco Real Estate Circular" for December—published by Thomas

Magee & Sons—San Francisco's mortgage debt is lower than that of any large city in the United States, as is also our municipal bonded indebtedness. Our borrowing capacity is larger for that reason. We have the promise of good crops and good markets for 1908; the new transcontinental road is spending enormous amounts in construction and will be running into San Francisco before 1910. The greatest naval fleet ever assembled in the Pacific is now on its way to San Francisco and is to receive a royal California welcome. It is significant, commercially, on account of the money to be expended by over 20,000 men and 2,000 officers, also on account of the supplies to be purchased here.

In conclusion, I wish to thank the Press of the City, our efficient Secretary and the Board of Trustees of the Chamber of Commerce for their active interest and support. It is remarkable, considering the many complex industrial and social problems which have arisen, that the Board has been able to work aggressively and effectively and yet in harmony. There have been many free discussions, but all feelings have been merged in the idea of serving our City as best we could. It is that gratifying thought which fully compensates for all the time and toil expended, so that it is clear gain to have in addition the cordial expressions of commendation from one's fellow workers, as well as from the membership at large.

CHARLES H. BENTLEY,
President.

SECRETARY'S ANNUAL REPORT

To the Honorable President, Board of Trustees and Members
of The Chamber of Commerce of San Francisco :

I have the honor of presenting to you the 58th Annual Reports of the Secretary, Treasurer and Librarian, and the usual synopsis of transactions for the year ended December 31, 1907, which has been one of the most active in the history of the organization. It is customary for the presiding officer to give in his annual report a complete account of the work of the Chamber, and it also devolves upon me to present to you in connection therewith such statistical information as may be of interest.

Besides the regular monthly meetings provided for in the By-Laws, we have held one special meeting of the Chamber and twenty special meetings of the Board of Trustees.

During the year seven members have been removed by death and thirty have resigned. Fifty-two individuals and firms have been added to the list, making our total membership at the present time five hundred and ninety-two. This shows that, notwithstanding the financial depression, the interest in the Chamber has been well sustained.

While the Chamber has been under considerable expense in fitting up its new rooms and has made large donations, the report of the Treasurer shows but small decrease as compared with the balance on hand December 31, 1906.

The correspondence, always large, has been unusually heavy this year, covering not only subjects discussed by the Chamber, but answers to letters of inquiry from all parts of the world. These letters of inquiry have touched almost every conceivable subject and have involved investigations in many lines of trade. That the information furnished by the Chamber has been thoroughly appreciated is evidenced by the letters of thanks.

Since moving into our present quarters the rooms of the Chamber have been loaned to other organizations six times.

The Library continues to grow. Two hundred and nine volumes and a great number of pamphlets have been received during the year. We continue to receive the Daily Congressional Records, Daily and Monthly Consular Reports, Treasury Decisions, Monthly Summary of Commerce and Finance, Public Health Reports, etc., as well as copies of all bills introduced in the United States Senate and House of Representatives affecting the interests of California and the Pacific Coast.

We desire to impress upon our members that they have a large, commodious and conveniently situated room which they can use for special meetings when their offices are thought inadequate; that there is a reference library at their disposal, containing the latest Government publications, and also reports of commercial organizations from nearly every section of the world. We hope the members will not only make use of the rooms and library, but will also consult the Chamber upon any subject of public or commercial importance which may at any time suggest itself.

Thanking the officers, trustees and members of the Chamber, as well as the gentlemen of the press, for their courtesy and assistance during the past year, I remain,

Yours respectfully,

C. W. BURKS,
Secretary.

TREASURER'S ANNUAL REPORT

YEAR ENDING DECEMBER 31, 1907.

1906, December 31—

Balance on hand.....\$ 6,889

RECEIPTS

Received dues.....	\$ 6,740 00
Subscriptions to Entertainment.....	810 00
Received Insurance Report.....	582 80
Received Fireman's Fund Insurance Co.....	97 50
Interest, Money on Deposit.....	195 88
Debit Voucher Paid.....	3 00
	<hr/>
	8,429

\$15,318

DISBURSEMENTS

Rent	680 00
Salaries	3,436 75
Telephones	132 07
Telegrams	69 76
Entertainments	1,012 47
Library Expense	233 80
Collecting Quarterly Dues, Premium on Bond, and Insurance.....	410 67
Statistician	300 00
Printing 1,500 Copies Annual Report.....	600 00
Donation, Relief China Famine Sufferers.....	100 00
Gift to Secretary.....	200 00
Insurance Reports	1,149 49
Employment Special Police.....	200 00
Pro Rata Expenses, Federated Water Committee....	10 00
Membership National Rivers and Harbors Congress	75 00
Trophy National Irrigation Congress.....	100 00
Office Furniture and Fixtures.....	1,185 63
Stationery and Miscellaneous Printing.....	346 85
Distributing Annual Reports.....	43 00
Collection Charges	30
Debit Voucher Mercantile Trust Co.....	3 00
Postage and Sundry Bills.....	741 25
	<hr/>
	11,030

\$ 4,288

January 1, 1908. Balance on Hand—

In San Francisco Savings Union, T. D.....	3,582 25
In Security Savings Bank, T. D.....	504 15
In Mercantile Trust Co., Repair Account.....	40 85
In Mercantile Trust Co., Regular Account.....	161 00
	<hr/>
	\$4,288

C. W. BURKS, Treasurer.

Approved:

GEORGE E. BUTLER,

Vice-President and Chairman Finance Committee.

ADDITIONS TO LIBRARY

1. The Timber Supply of the United States—Department of Agriculture.
2. University of California Bulletin, May, 1907, Summer Session.
3. Year Book, American Chamber of Commerce in Paris, 1907.
4. Statistics of the Trade and Commerce of Buffalo—Chamber of Commerce of Buffalo, 1906.
5. "To California Over the Santa Fe Trail"—Passenger Department Santa Fe Railway Company.
6. Statistical Register of New South Wales, for 1905 and previous years.
7. Resumen de la Importacion y de la Exportacion—December, 1906, Enero and Febrero de 1907.
8. Boletin de Estadistica Fiscal ano Fiscal de 1904-05.
9. Diplomatic and Consular Service of the United States, corrected to May 25, 1907—Department of State.
10. Harrisburg Board of Trade Journal, April and May, 1907.
11. Cotton Production in 1906—Department of Commerce and Labor.
12. Census of Manufacturers, 1905, Electrical Machinery, Apparatus and Supplies—Department of Commerce and Labor.
13. Census of Manufacturers, 1905, Boots and Shoes, Leather and Leather Gloves and Mittens—Department of Commerce and Labor.
14. Monthly Circulars of the British Chamber of Commerce in Paris, March and April, 1907.
15. The Classified Business Directory of Cleveland, Ohio.
16. Report of the Commissioner of Corporations on the Petroleum Industry—Department of Commerce and Labor.
17. Contributions to Economic Geology, 1906—U. S. Geological Survey.
18. Economic Geology, Beaver Quadrangle, Pennsylvania—U. S. Geological Survey.
19. Economic Geology, Independence Quadrangle, Kansas—U. S. Geological Survey.
20. Economic Geology, Kittanning and Rural Valley Quadrangles, Pa.—U. S. Geological Survey.
21. The Analysis of Silicate and Carbonate Rocks—U. S. Geological Survey.
22. Economic Geology, The Amity Quadrangle, Eastern Washington County, Pa.—U. S. Geological Survey.

23. The Yampa Coal Field, Routt County, Colorado—U. S. Geological Survey.
24. Boston Merchants' Association Bulletin, May, 1907.
25. Mortality Statistics, 1905—Department of Commerce and Labor.
26. Commercial Porto Rico in 1906—Department of Commerce and Labor.
27. Fifty-third Annual Report of The Commercial Exchange of Philadelphia, 1907.
28. Monthly Consular and Trade Report, May, 1907.
29. Forest Planting in Illinois—Department of Agriculture.
30. Program of the Second Annual Meeting of the Elmira Chamber of Commerce, held May 3, 1907.
31. Monthly Magazine—The Incorporated Chamber of Commerce of Liverpool, May, 1907.
32. Annual Report of The Southampton Chamber of Commerce, 1906-07.
33. Railway Statistics of the United States of America, year ending June 30, 1906—General Managers' Association of Chicago.
34. Annual Report of The British Chamber of Commerce in Paris, 1906.
35. Sixteenth Annual Report Chamber of Commerce and Manufacturers, Geelong, Victoria, 1906.
36. Annual Report Auckland Chamber of Commerce, February, 1907.
37. "California, the Land of Promise"—California State Board of Trade.
38. Rapport Travaux de la Chambre Commerce et Industrie—Chambre de Commerce de Gand, 1906.
39. Associacao Commercial do Porto Relatorio la Direccao, anno de 1906.
40. Boletin Estadistica Fiscal, September and October, 1906.
41. Monthly Summary of Commerce and Finance of the United States—Department of Commerce and Labor, March, 1907.
42. Thirty-seventh Annual Report Peoria Board of Trade, 1906.
43. Railway World, May and June, 1907.
44. Estadistica General de Aduanas de 1901 Importacion.
45. Monthly Report Yokohama Chamber of Commerce, May, 1907.
46. Bulletin American Chamber of Commerce in Paris, May, 1907.
47. Quarterly Summary of Commerce of the Philippine Islands, October, December, 1906—Bureau of Insular Affairs, War Department.
48. Contributions to Economic Geology, 1906—Department of the Interior.
49. Annual Report Johannesburg Chamber of Commerce, year ending February 28, 1907.

50. Chamber of Commerce Bulletin, June, 1907—Portland Chamber of Commerce.
51. Monthly Summary of Commerce and Finance of the United States, April, 1907—Department of Commerce and Labor.
52. Fourth Annual Report The Netherland Chamber of Commerce in America, year ending April 30, 1907.
53. Advance Copy Report of The Bristol Incorporated Chamber of Commerce and Shipping.
54. The Chamber of Commerce Journal—London Chamber of Commerce, Incorporated, June, 1907.
55. Report of the Interstate Commerce Commission.
56. Copies of Letters Addressed to Hon. Wm. Jennings Bryan, May, 1907.
57. War Docks, Trade Docks and Water-front and City Works—J. Willway Treadwell.
58. Trade of California, Nevada and Utah and the Territory of Arizona, for year 1906—Diplomatic and Consular Reports.
59. Hops in Principal Countries—U. S. Department of Agriculture.
60. Statistisches Mitteilungsblatt im Jahre, 1906.
61. Report of Committee Manila Chamber of Commerce, year ending December 31, 1906.
62. Bulletin of the Bureau of Labor, May, 1907—Department of Commerce and Labor.
63. Special Reports Census Office.
64. Wealth, Debt and Taxation—Department of Commerce and Labor.
65. Monthly Consular and Trade Reports, June, 1907—Department of Commerce and Labor.
66. The Forest Service: What It Is and How It Deals with Forest Problems—U. S. Department of Agriculture.
67. Annual Report Board of Directors to the Members of the Birmingham Chamber of Commerce, year ending May 31, 1907.
68. Suggestions for Forest Planting in the Northeastern and Lake States—U. S. Department of Agriculture.
69. "The Annals of San Francisco."
70. Fifth Annual Report Johannesburg Chamber of Trade, Incorporated, year ending April 30, 1907.
71. Advance Sheets from Monthly Summary of Commerce and Finance, Imports and Exports, May, 1907—Department of Commerce and Labor.
72. Bulletin No. 5, The Counties Committee of the California Promotion Committee, Petaluma, June, 1907.
73. "For California"—California Promotion Committee, July, 1907.
74. Bulletin American Association of Commerce and Trade, June 15, 1907.

75. Monthly Magazine, June, 1907—The Incorporated Chamber of Commerce of Liverpool.
76. Monthly Circular—The British Chamber of Commerce in Paris, Incorporated, May, 1907.
77. Thirty-ninth Annual Report The San Francisco Society for the Prevention of Cruelty to Animals, 1907.
78. Bulletin, June, 1907—Boston Merchants' Association.
79. Official Statistics—Commonwealth Bureau of Census and Statistics, Melbourne.
80. Isthmian Canal Circular, Nos. 373 and 374.
81. The Use Book: Regulations and Instructions for the Use of National Forests—U. S. Department of Agriculture.
82. Quarterly Bulletin The Anglo-American Chamber of Commerce in Belgium, July, 1907.
83. Monthly Consular and Trade Reports, July, 1907—Department of Commerce and Labor.
84. Harrisburg Board of Trade Journal, June, 1907.
85. The Osaka Trade Journal—Osaka Chamber of Commerce, May, 1907.
86. Monthly Report Yokohama Chamber of Commerce, June, 1907.
87. The Chamber of Commerce Bulletin, Portland Chamber of Commerce, July, 1907.
88. Census of Manufacturers, Lumber and Timber Products, 1905—Department of Commerce and Labor.
89. The Chamber of Commerce Journal—London Chamber of Commerce, Incorporated, July, 1907.
90. Boletín de Estadística Fiscal, November and December, 1906.
91. Forty-sixth Annual Report Cape Town Chamber of Commerce, Incorporated, year 1906-07.
92. Report Maritime Exchange—The Maritime Association of the Port of New York, 1906.
93. "Manchester and the Atlantic Traffic."
94. Annual Report Chamber of Commerce of New York, 1906-1907.
95. Brush and Tank Pole Treatment—U. S. Department of Agriculture.
96. Report General Session Interstate Commerce Commission, Washington, D. C., July 8, 1907, in the matter of Bills of Lading.
97. Census of Manufacturers, 1905, Textiles—Department of Commerce and Labor.
98. Special Reports of the Census Office, Manufactures, Part I., United States by Industries, 1905—Department of Commerce and Labor.
99. The Seventh Financial and Economic Annual of Japan, 1907—Department of Finance.

100. The Osaka Trade Journal—Osaka Chamber of Commerce, June, 1907.
101. Annual Report Board of Trade of the City of Toronto, 1906.
102. International Library of Technology.
103. Isthmian Canal Circulars, Nos. 377 and 378.
104. Monthly Summary of Commerce and Finance, May, 1907—Department of Commerce and Labor.
105. Advance Sheets Annual Summary California Section Climatological Bureau—Department of Agriculture.
106. Monthly Consular and Trade Reports, July, 1907—Department of Commerce and Labor.
107. Seasoning of Telephone and Telegraph Poles—U. S. Department of Agriculture.
108. The Use of the National Forests—U. S. Department of Agriculture.
109. Boletin de Estadistica Fiscal, December, 1906.
110. Compte Rendu des Travaux de la Chambre de Commerce Francaise de la Havane, Juin, 1907.
111. Chamber of Commerce Bulletin, August, 1907—Portland Chamber of Commerce.
112. "Commerce," July, 1907—The Japan Foreign Trade Association.
113. Harrisburg Board of Trade Journal, July, 1907.
114. Report General Committee Hongkong Chamber of Commerce, year ending December 31, 1906.
115. Annual Report Milwaukee Chamber of Commerce, 1906-1907.
116. Summary Commonwealth Demography, years 1901 to 1906—Commonwealth Bureau of Census and Statistics, Melbourne, Australia.
117. Monthly Summary of Commerce and Finance of the United States, June, 1907—Department of Commerce and Labor.
118. Boletin de Estadistica Fiscal, Enero de 1907.
119. Cotton Seed Products in Foreign Countries—Special Consular Reports, Department of Commerce and Labor.
120. Monthly Consular and Trade Reports, August, 1907—Department of Commerce and Labor.
121. Report Committee Bengal Chamber of Commerce, year 1906. Vol. 1.
112. Marketing Hawaiian Fruits, Hawaiian Agricultural Experiment Station—U. S. Department of Agriculture.
123. Bulletin de la Chambre d' Agriculture de la Cochinchine, Mars-Juin, 1907.
124. Estadistica General de Aduanas de 1901. Importacion Peru.
125. Agricultural Statistics, 1906—Department of Agriculture.

126. Advance Sheets Monthly Summary of Commerce and Finance, showing details of Imports and Exports by Articles and Countries for July, 1907—Department of Commerce and Labor.
127. Year Book, Springfield Board of Trade, 1907.
128. Bulletin, American Chamber of Commerce in Paris, July, 1907.
129. Monthly Magazine, The Incorporated Chamber of Commerce of Liverpool, August, 1907.
130. Boletin de Estadistica Fiscal, Febrerro, de 1907.
131. Bericht der Handelskammer in Amsterdam, 1906.
132. Statistics of Women at Work, 1900, Special Reports of the Census Office—Department of Commerce and Labor.
133. Bulletin, American Association of Commerce and Trade, Berlin, September, 1907.
134. Commercial Year Book, Birmingham Chamber of Commerce, 1907.
135. Register, 1906-1907, University of California.
136. Suggestions for Development American Export Trade to Germany—National Business League of America.
137. Chamber of Commerce Bulletin, September, 1907, Portland Chamber of Commerce.
138. Annual Report, The Bristol Incorporated Chamber of Commerce and Shipping, year 1906-07.
139. Annual Report Dunedin Chamber of Commerce, July, 1907.
140. Monthly Report, Yokohama Chamber of Commerce, August, 1907.
141. Relatorio de Centro de Comercio Cafe de Rio de Janerio, Agosto, 1907.
142. Boletin de Estadistica Fiscal, Marzo, de 1907.
143. Trade, Shipping, Oversea Migration and Finance of the Commonwealth of Australia, month of June, 1907.
Bulletin No. 6. Commonwealth Bureau of Census and Statistics.
144. Estadistica del Comercio Especial del Peru en el ano 1904.
145. Comercio Especial del Peru en el ano 1904, Leyendo de la Nomenclatura Comercial de la Estadistica.
146. Estadistica del Comercio Interior del Peru en el ano 1903. Cabataje.
147. Monthly Magazine, September, 1907, The Incorporated Chamber of Commerce of Liverpool.
148. Twenty-first Annual Report of the Commissioner of Labor, 1906. Strikes and Lockouts—Department of Commerce and Labor.
149. Annual Report, Cleveland Chamber of Commerce, 1907.
150. Resume des travaux Revue Statistique de la Navigation, du Commerce and de l'industrie Annee, 1906—Chamber de Commerce du Havre.

151. Annual Report Hawaiian Experiment Station—U. S. Department of Agriculture.
152. Chamber of Commerce Journal, October, 1907—London Chamber of Commerce, Incorporated.
153. Rapport sur des Travaux de la Chambre et al Situation de Commerce and de Industrie en 1906—Chambre de Commerce et des Fabriques de Gand.
154. Chamber of Commerce Bulletin, June and October, 1907—Portland Chamber of Commerce.
155. Bulletin de la Chambre d' Agriculture de la Cochinchine.
156. Report Townsville Harbour Board from June 30, 1906, to June 30, 1907.
157. Imports of Farm and Forest Products, 1904-05—U. S. Department of Agriculture.
158. Trade with Non-Contiguous Possessions in Farm and Forest Products, 1904-06—U. S. Department of Agriculture.
159. The Osaka Trade Journal—Osaka Chamber of Commerce, August, 1907.
160. Meat Supply and Surplus—U. S. Department of Agriculture.
161. Prolonging the Life of Mine Timbers—U. S. Department of Agriculture.
162. Trade and Customs and Excise Revenues of the Commonwealth of Australia, for the Year 1906—Commonwealth Bureau of Census and Statistics, Melbourne.
163. Promotion of Foreign Commerce in Europe and the United States—Department of Commerce and Labor.
164. Monthly Magazine, The Incorporated Chamber of Commerce of Liverpool, October 1907.
165. Bulletin, American Chamber of Commerce in Paris, Oct., 1907.
166. Bulletin, American Association of Commerce and Trade, Berlin, October, 1907.
167. River Improvement and Drainage Association of California, Bulletin No. 6, October, 1907.
168. Exports of Farm and Forest Products, 1904-06—U. S. Department of Agriculture.
169. Boletin de Estadistica Fiscal, Primer Semestre del ano Fiscal de 1905-06.
170. Census of Manufacturers, 1905, Bulletin 81 to 88—Department of Commerce and Labor.
171. Ocean Freight Rates and the Conditions Affecting Them—U. S. Department of Agriculture.
172. Chamber of Commerce Journal, London Incorporated Chamber of Commerce, November, 1907.

ADDITIONS TO LIBRARY

3. Advance Sheets from Monthly Summary of Commerce and Finance, Showing Details of Imports and Exports, September, 1907—Department of Commerce and Labor.
174. Monthly Consular and Trade Reports, November, 1907—Department of Commerce and Labor.
175. Wood Distillation—Forest Service, U. S. Department of Agriculture.
176. Monthly Report of the Yokohama Chamber of Commerce, Oct., 1907.
177. Monthly Summary of Commerce and Finance of the United States, September, 1907—Department of Commerce and Labor.
178. Forty-eighth Annual Report, Canterbury Chamber of Commerce, year 1907.
179. Boletin de Estadistica Fiscal, Mayo de 1907.
180. New South Wales Statistical Register (two copies).
181. Official Statistics, Commonwealth of Australia.
182. Quarterly Summary of Commerce of the Philippine Islands, April and June, 1907.
183. Cultivation of Tobacco in Hawaii.
184. Statistics of Cities having a Population of over 30,000, 1905.
185. Bulletin No. 89, Population of Oklahoma and Indian Territory, 1907.
186. Supply and Distribution of Cotton for Year Ended August 31, 1907.
187. Advance Sheets from Monthly Summary of Commerce and Finance, showing details of Imports and Exports for October, 1907.
188. Peru in 1906.
189. Monthly and Consular Trade Reports, December, 1907.
190. Promotion of Foreign Commerce in Europe and the United States; by N. I. Stone, Tariff Expert of Department of Commerce and Labor (two copies).
191. Message of the President of the United States to The Two Houses of Congress of the First Session of the Sixtieth Congress.
192. Annual Report of The Chief of Engineers, United States Army to the Secretary of War, 1907.
193. Annual Report of the Isthmian Canal Commission, 1907.
194. Monthly Summary of Commerce and Finance of the United States, October, 1907 (three copies).
195. Official Congressional Directory, Sixtieth Congress, First Session.
196. Bulletin No. 5 (eight copies), Department of Commerce and Labor (Bureau of Statistics) Exports of Domestic Breeds, Meat and Dairy Products Food Animals, Cotton Oils; November, 1907.

197. Copy Statement Receipts and Expenditures of the Secretary of the Treasury for Fiscal Year Ended June 30, 1907.
198. Official Report, in 2 vols., of the International Exposition of Liege, Belgium, held in 1905.
199. Commercial Intelligence Bureau of London's Foreign Buyers' Reference Lists "D," "E," and "F."
200. Bulletin No. 61 of the American Chamber of Commerce in Paris.
201. Bulletin of December 1, 1907, from American Association of Commerce and Trade, Berlin.
202. Statement of the Commissioner of Corporations in Answer to the Allegations of The Standard Oil Co., December 31, 1907.
203. Japanese Immigration, by the Japanese Association of the Pacific Northwest, Seattle, 1907.
204. Yokohama Chamber of Commerce Journal for November, 1907.
205. Seattle (Wash) Real Estate Association Report on City Real Estate Values.
206. Liverpool, England, Chamber of Commerce Magazine for November and December, 1907.
207. Australia's Official Statistics of Trade, Shipping, Oversea Migration and Finance for month of August, 1907.
208. Australia's Quarterly Report for Quarter ended March, 1907, of Population and Vital Statistics.
209. Mexico's Boletin de Estadisticas, Fiscal Years 1905-06.

REPORT OF HARBOR AND SHIPPING COMMITTEE OF
THE BOARD OF TRUSTEES OF THE CHAMBER
OF COMMERCE OF SAN FRANCISCO UPON
UTILITY OF PANAMA ROUTE FOR
FREIGHT TRANSPORTATION BE-
TWEEN SAN FRANCISCO AND
THE ATLANTIC STATES

Approved at a special meeting of The Board of Trustees,
November 16, 1907.

San Francisco, November 16, 1907.

To the Honorable President and Board of Trustees of
The Chamber of Commerce of San Francisco:

Gentlemen:—About two and a half years ago a special committee of the Chamber, in response to inquiries of Hon. Joseph L. Bristow, Special Panama Railroad Commissioner, prepared quite a full report upon the utility of the Panama Route for freight transportation between San Francisco and the Atlantic States. This report, after very careful consideration, was approved at a special meeting of the Board of Trustees of the Chamber, April 20, 1905. After securing voluminous data from all available sources of information, Mr. Bristow summed up the whole matter in his report to the Secretary of War, in the following concise conclusion:

“That if the Pacific Mail Steamship Company withdraws its present Panama line, an effort be made to induce some other company to establish a first-class service between the important Pacific Coast ports of the United States and Panama; and in the event that no other company is prepared to furnish the service, that it be provided by the Panama Railroad.”

As is well known, the service of the Pacific Mail Steamship Company has not been withdrawn and in fact the traffic, both in service and in volume of merchandise and freight movements, remains substantially the same as for a number of years past. In his letter of advice, however, Mr. Bristow states that the Secretary of War deems the service rendered by the Pacific Mail Company as very unsatisfactory to the present trade requirements of American merchants on both sides of the continent, as well as a standing impediment to a further development of commercial relations as well as expansion of business interests along the lines of ordinary progress commensurate with the growth of American trade relations.

With this general idea in view, Mr. Bristow has been directed by the Secretary of War to seek additional information for use in considering the advisability of the government establishing a steamship line between the Pacific Coast ports of the United States and Panama.

A series of questions have been propounded which cover a very wide scope, and your committee in considering and answering them, has endeavored to do so in a manner that will be supplemental to the special report of April 20, 1905.

We therefore, herewith submit the questions seriatim, with as full and complete answers as time and impaired facilities for securing information resulting from the great conflagration of April, 1906, will permit; and in answering the following questions we desire to reiterate the facts and figures of the report of the Chamber of April 20, 1905, as equally applicable to trade conditions now as at that time:

Question: What kind of freight originates in San Francisco and the vicinity within its commercial radius for shipment to the western part of the United States and Europe?

Answer: As San Francisco is the chief port of the State and California's products and resources are so varied and extensive, the schedule of commodities and articles would be very lengthy, but the principal items of such a list are as follows: Wines, brandy, canned fruits, dried fruits, grain,

beans, nuts, wool, honey, hides, asphalt, fuel oil, manufactured redwood lumber, canned salmon.

Question: Estimate the amount of each of the principal articles of such freight.

Answer: It would be impossible to make a definite statement as to quantities, as a large proportion of the shipments are by rail and the transcontinental companies have refused since 1897 to furnish any statistics of quantities of freight moved from terminal centers. Prior to 1897 such figures were furnished monthly.

Question: What part of this freight could be successfully transported by the way of Panama?

Answer: Without having definite or even approximate knowledge as to quantities, it is safe to say that if freight rates were reasonable, fully one-third and probably one-half of all the shipments which now go from San Francisco by rail to the Atlantic States could be and doubtless would be sent via Panama.

Question: Are there any articles of such freight that it would not be practicable to ship by way of Panama? If so, please name the articles and the reason why shipment by the Panama route would be impracticable.

Answer: Yes; some of the products of California, such as dried fruits, hops and possibly some other commodities which could not be shipped by this route, because of climatic conditions. There are other classes of freight which could not be shipped via Panama because of the extra handling in moving from steamer to cars and again to steamer. In addition to the extra cost of trans-shipment imposed by this necessary handling, there is the increased danger of damage by breakage.

Question: What per cent of the freight that could be successfully shipped by the way of Panama is transported by that route? What part by the Straits of Magellan? What part by the transcontinental railroads? In answering the above questions, please state, if practicable, the per cent of each article that is shipped by the way of the various routes.

Answer: It is impossible to give any answer to this query in percentage, but it can be safely said that only a small portion, possibly a fifth or a quarter of what could be forwarded via Panama, is sent that way, for the reason that freight charges are not sufficiently below the transcontinental rail rates to warrant the risk of damage or breakage and the increased length of time en route.

Question: Please state in detail why any part of the freight that it is practicable to ship by the way of Panama is not shipped by that route.

Answer: Any commodities or products which could not withstand the climatic conditions of the tropics, and any merchandise which is liable to damage or breakage by increased handling.

Question: What are the principal articles of freight shipped from San Francisco to points east of the Alleghany Mountains?

Answer: Canned fruits, deciduous fruits, dried fruits, citrus fruits, canned salmon, wines, beans, hops, leather, wool, nuts, quicksilver and other commodities of less importance.

Question: Estimate the amount of each article.

Answer: About 12,000 carloads of deciduous fruits, 10,000 carloads of dried fruits, 28,000 carloads of citrus fruits, 10,000,000 gallons of wines and brandies, 25,000 bales of hops, 6,000 flasks of quicksilver and large quantities of other commodities are annually shipped to the Atlantic States from California by rail.

Question: What are the freight rates charged by the railroad on each article?

Answer: It is not possible to state fixed net rates. The suggestion is made that a call be made upon the Southern Pacific Company for a copy of their tariff.

Question: What is the time consumed in transporting freight by rail from San Francisco to the large Eastern cities, namely: Boston, New York, Philadelphia and Baltimore?

Answer: The time varies, depending upon the available number of cars. Sometimes it takes three weeks and sometimes eight weeks—a fair average is thirty to thirty-five days.

Question: What are the principal articles of freight that are shipped from San Francisco to the Mississippi Valley?

Answer: Substantially the same commodities as are shipped to the Atlantic States, with the addition of large shipments of sugar.

Question: Estimate the amount of each of the principal articles of such freight.

Answer: There are no statistics procurable on which to base a reply to this query.

Question: What are the freight rates charged on each of the principal articles of such freight?

Answer: Rates are governed by quantities and classification of commodities, and no general schedule or average can be given as variations are so wide and numerous. See the Southern Pacific Company's tariff.

Question: What is the average time consumed in shipping by rail to points in the Mississippi Valley?

Answer: From three to five weeks, depending upon season and available cars.

Question: Is any freight shipped from San Francisco to the Mississippi Valley by the way of Panama, or the Straits of Magellan? If so, please state the kind of freight, the amount and the rates charged.

Answer: Very little either way, and none in sufficient volume to have any bearing upon the questions under consideration.

Question: What are the principal articles of freight received at San Francisco from Europe, the eastern coast of the United States, and the Mississippi Valley?

Answer: From Europe—Wines, silks, velvets, cloths and other descriptions of dress fabrics in great variety and quantity, toys, ornamental glass and chinaware, chemicals and all kinds of small manufactured goods. From the Atlantic States—Machinery, canned goods, manufactures of

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almost every description, tin, iron and steel and products, boots and shoes, cotton and woolen goods, canned meats. From the Mississippi Valley—Raw cotton, rice, sugar, iron and steel, tropical fruits, many manufactured goods and articles.

Question: Estimate the amount of each of the principal articles of such freight.

Answer: No one knows except the transcontinental railway freight departments, and they refuse to state.

Question: What per cent of this freight comes by the way of Panama, the Straits of Magellan, and the transcontinental railroads?

Answer: Probably 5 per cent via Panama, 15 per cent via Tehuantepec route, practically none by the Straits of Magellan, and 80 per cent via transcontinental railroad lines. These are approximate figures, but they are as nearly correct as can be formulated by a careful study of the freight and traffic situation covering quite a long period of time.

Question. What are the freight rates charged on the principal articles by each of these routes?

Answer: Rates differ so widely on different commodities and the schedule is so lengthy that even though a copy could be secured, it would be difficult to give a fair average for purposes of comparison.

Question: What part of this freight that does not go by the way of Panama would it be practicable to ship by that route?

Answer: All of it, except such commodities as might be seriously damaged by the numerous handlings and such products as would be injured by climatic conditions on the Isthmus route.

Question: If a large part of the freight that could be shipped by the way of Panama is shipped by the other routes, please state the reason why such shipment is made by other routes.

Answer: Considerable freight that could be shipped by Panama is now sent by rail because the time consumed in transit is much shorter, while the difference in cost of trans-

portation is not of sufficient importance to be any inducement. Lack of tonnage facilities is another important factor and delays at the Isthmus prevents shipments being sent via that route.

Question: Is it essential to the commercial interests of San Francisco that there should be a line of steamers making regular schedule trips between Panama and San Francisco?

Answer: Decidedly so. In addition to the necessities of this port, it is necessary to afford facilities for building up a steadily growing trade with the West Coast ports of Mexico and Central America. This necessity for a through route is the gist of the whole question under consideration.

Question: What American steamship companies doing business on the Pacific Coast have vessels that would be equipped for handling efficiently cargo and passengers between the Pacific ports of the United States and Panama?

Answer: The Pacific Mail Steamship Company and possibly the Matson Navigation Company.

Question: Under normal conditions, with rates fixed upon a basis of reasonable compensation for services rendered, would there be sufficient business between the Pacific and Atlantic ports of the United States to warrant the establishment of a first-class line of steamers to make regular schedule trips weekly from Pacific Coast ports to Panama. Please answer this question in detail, giving the conditions under which, in your judgment, such line would or would not be successful.

Answer: To be successful, a company would have to place in service large freighters on a two-weeks' schedule.

Question: Is there any freight originating elsewhere than at San Francisco and brought by steamship companies that is transported to the eastern coast of the United States from San Francisco by rail? If so, please state the character of this freight, the amount, the place where it originates, and the rates charged by the railroad companies for its transportation across the continent.

Answer: Yes, large quantities; but cannot state its volume in quantities. It comes from China, Japan, the East Indies, Australia, the Hawaiian Islands, Mexico, Central

America and British Columbia. Railroad rates are the same on this class of freight as upon other descriptions originating in San Francisco.

Question: Is any freight of this character, after it is shipped across the continent, reshipped from the eastern ports of the United States to Europe?

Answer: Some of it doubtless is, but the quantities are not very large.

Question: What are the freight rates by rail from San Francisco to the interior points of distribution?

Answer: It is impossible to give intelligible figures because of wide variations, even on approximately same distances. In some instances these rates are fair, while in other directions they are excessive. See the railroad companies' tariff. In California, wherever there is water competition, the railroad freights are fairly reasonable.

Question: How do such rates compare with the rates from points east of the Rocky Mountains?

Answer: In nearly all cases they are considerably higher on the Pacific Coast than east of the Rocky Mountains.

Question: What amount of Cargo is shipped to and from New York by the American Hawaiian Steamship Line?

Answer: The steamers are large carriers, and they usually carry good-sized cargoes. It is mostly sugar, rice coffee and Island products, with occasional shipments of general merchandise of moderate volume. From the Hawaiian Islands they carry about 250,000 tons per year.

Question: What are the rates charged?

Answer: About \$8.50 per ton.

Question: If the Panama Railroad should establish a weekly steamship service between the Pacific Coast ports of the United States and Panama, what patronage do you think it would receive? In answering this question, state as specifically as possible the sources from which it would secure business for sailing both ways.

Answer: A first-class service with regular sailings would develop a large volume of traffic.

During the first half of 1905 and in fact for quite a length of time prior thereto, the Pacific Mail Steamship Company enjoyed the privilege of making through bills of lading between the Atlantic States and the Pacific Coast, giving them as to through business a preference over foreign carriers. The same opportunity was open to any other line, but no company availed themselves of the offer. Later this privilege was abrogated by the Government.

The National Government has been and still is operating the Panama Railroad Steamship line in conjunction with the Panama railroad. It is doing this business at a loss. The Atlas Steamship Company, of New York, owned and controlled by the Hamburg-American Packet Company and the Royal Mail Steam Packet Company, a subsidized British company enjoying through billing privileges, has practically monopolized the coffee-carrying business from the west coast of Central America to New York. The Atlas Company is a German concern. Both the Kosmos Steamship Company, owned by the Hamburg-American Packet Company, and the Atlas Steamship Company are making substantial inroads into the west coast business, and thereby they are impairing the interests of San Francisco by carrying freight that would otherwise be transported on the through steamers from San Francisco to Panama.

As to the advisability of the United States Government establishing a line of steamers from Ancon to San Francisco in connection with their present line from Colon to New York, special attention should be directed to the coast traffic between the ports of Ancon and San Francisco. Furthermore, no action should be recommended to the Government that would prejudice the present facilities now enjoyed by the merchants. What is wanted is increased accommodations for traffic and lower freight rates, say through rates from New York at \$8.00 to \$8.50 per ton.

Any company that would engage to assume through freight business from New York to San Francisco in competition with and probably to the exclusion of the Pacific Mail Steamship Company, should guarantee to give the mer-

in developing trade on these goods in South America, as we understand there is a demand for California-made shirts and denim clothing in Argentine, Brazil, etc. We are at the present time trying to make connections there.

“However, the main benefit to be derived from the Panama route would be on westbound freight, owing to the lower rate of freight that we suppose will prevail as against railroad rates. The Panama route would be given the preference on shipments of denim, cheap underwear, blankets, etc. (We, of course, are only speaking for our own lines.)

“Answering the question whether in our opinion the Straits of Magellan route is of any practical utility for San Francisco exporters or importers in their trade relations with Atlantic States, speaking again for our own lines, our reply is in the negative.”

Another wine dealer states:

“We beg to say that, as far as wine is concerned, we do not consider that it can be as advantageously handled via Panama as via the railroads. At the same time, if freight rates were lowered to such an extent as to make the difference between rail and Panama rates material, we have no doubt that it would pay us to ship heavily via the Panama route. As it is, we are inclined to think that we ship fully half of the amount of our shipments to New York via the Isthmus.

We do not favor the establishment of a steamship line under Government control, if by Government control is meant that the ownership of the steamers is vested in the Government. Our objections are that we see no reason why the United States Government should go into the shipping business any more than it should go into the wine business. We certainly think that a line via the Straits of Magellan, if established and a uniform schedule maintained, is going to be a very important factor in trade relations with the Atlantic States, but think that the route via the Isthmus of Tehuantepec is by far the most advantageous, always provided a regular schedule is established and maintained and rates are below rail rates.

REPORT ON UTILITY OF PANAMA ROUTE

"The above refers to freights eastbound. We have no eight coming west."

A large importer and dealer in paper replied as follows:
 "The classes of freight which can be handled to good advantage over the Panama route should be securely packed in bales or cases, so as to resist injury by transfer and bad handling. We do not believe that the ordinary bundle and crated freight can be handled economically via this route, when you take the damage to goods into consideration."

"We would not favor any steamship lines under Government control competing with private enterprise. We believe the Government should be generous in its dealings with American ship owners, whether individuals or corporations. With the past and present attitude of the Government, we do not think there is any reasonable hope of reward to private parties for improving the facilities we now have."

"The Straits of Magellan route is a good route, and by reason of its freedom from transfers and consequent damage, is preferred by many shippers over the Panama or Tehuantepec. We believe it is better to allow more time for transportation if we can get the goods without damage."

In order to form some definite idea of the classes of commodities with reference to quantities of each and the average valuations forwarded from San Francisco via the Pacific Mail Steamship Company's Panama route, the following summary of a cargo shipped on the Steamer Peru, which sailed from San Francisco recently, is given herewith:

To—	Values
Central America	\$64,530
Mexico	11,091
Panama	2,794
Jamaica	122
Holland	1,225
Germany	6,581
Colombia	295
New York	5,712
Total value	\$92,350

To Central America—5,102 bbls. Flour, 5,175 gals. and 46 cs. Wine, 145 cs. Canned Goods, 76,000 lbs. Rice, 91,694 lbs. Tallow, 200 bbls. Cocoa Oil, 718 cs. and 12 bbls. various Oils, 3,499 lbs. Spices, 235 bbls. Cement, 157 pkgs. Machinery, 65 cs. Salmon, 1,000 lbs. Sulphur, 6 tons Coal, 1,000 Railroad Ties, 1,322 lbs. Beans, 920 lbs. Dried Fruit, 6,000 ft. Lumber, 20 bbls. Cotton Cloth, 45 bbls. Grease, 1,126 pkgs. Naval Stores, 170 lbs. Tea, 826 lbs. Soda, 1,110 lbs. Raisins, 102 pkgs. Fruits, 1,903 lbs. Bread, 52 cs. Whiskey, 50 cs. Candles, 473 pkgs. Potatoes and Onions, 20 coils Rope, 500 lbs. Sugar, 390 lbs. Butter, 10 casks and 13 cs. Beer, etc.

To Mexico—31,020 lbs. Tallow, 3,676 lbs. Hay, 35,045 ft. Lumber, 16 cs. Canned Goods, 411 gals. Wine, 5,154 lbs. Soda, 96 pkgs. Potatoes and Onions, 120 pkgs. Paper, 3 cs. Shoes, 15 cs. Oils, 450 lbs. Dried Fruit, 195 lbs. Sago, 1,441 lbs. Hams and Bacon, 10 casks Beer, 450 bbls. Shooks, 900 lbs. Spices, 216 lbs. Tea, 10 cs. Fuse, 11 coils Rope, etc.

To Panama—400 bbls. Flour, 50 cs. Salmon, etc.

To Germany—102 cs. Drugs.

To Holland—305 cs. Canned Fruit.

To Jamaica—21 cs. Canned Fruit and 6 cs. Salmon.

To Colombia—37 bbls. Flour, 160 gals. Wine, etc.

To New York—10,506 gals. Wine, 161 pkgs. Scrap Leather and 287 boxes Scrap Tin.

This is an average cargo, both as to valuations and classifications of commodities. Occasionally these cargoes will be materially larger, but the proportions in values to destinations is approximately the same.

As San Francisco is the greatest as well as the most important seaport on the Pacific Coast, the maintenance and betterment of the service via the Panama route is of vital importance in the fostering of commercial and industrial enterprises.

California's resources are steadily being developed every channel of San Francisco complete and equal service at the various ports of call on the Pacific Coast between the terminal points, because the business of these ports is so inter-

twined with the carrying of through freight that it is very doubtful if a steamship line could be profitably maintained between San Francisco and Panama for local service only, and it is not at all likely that Government-owned steamers, which would have to be of unusually large carrying capacity to pay, would be able to stop at these Mexican and Central American ports where the average cargo discharge is from 100 to 200 tons per day. This would consume some time, and, besides, there are other and numerous delays.

Mercantile firms engaged in the Central American trade generally speak well of the past and present service of the Pacific Mail Steamship Company. Steamers sail about every ten days, and they consider the service very satisfactory. These steamers touch at fifteen or sixteen different ports along the west coast. This service they are able to continue owing to their being able to fill up surplus space with through freight to the Atlantic States. At the same time, these merchants do not in any way deny the fact that the Pacific Mail Steamship Company has not fostered the through traffic from San Francisco to New York.

The consensus of opinion of merchants most interested in this coastwise trade is that no action should be taken that will stop or suppress the present service, unless there is an assurance of another service to the fifteen or sixteen coast ports equal in convenience to that now in existence, otherwise San Francisco shippers will be at the mercy of one line, the German Kosmos Line, which would make such transportation rates as they might desire without any restraining competition. We do not favor a government service.

In order to secure the most direct information and in the most comprehensive form, the following abbreviated questions were transmitted to some of the leading merchants' establishments in San Francisco:

Are there any classes of freight that can be shipped from San Francisco to the Atlantic States via the Panama route to better advantage than by rail overland? If so, mention a few of these and state what the advantage is.

If freight rates were materially cheaper via the Panama route than by rail, do you think shippers generally would take advantage of that route to effect saving in transportation charges? If so, suggest some illustrations?

Would you favor the establishment of a steamship line from this port to Panama under Government control? If not, what are the objections?

In your opinion, is the Straits of Magellan route of any practical utility for San Francisco exporters in their trade relations with the Atlantic States?

The above questions apply to the movement of freight both ways.

Among the replies received were the following:

A large wine dealer stated:

“Wines on which the freight rate between the interior and the Coast does not exceed the differential between sea and rail shipments can be advantageously sent via the Panama route.

There must be a very considerable differential in excess of that now prevailing between the Pacific Mail-Panama and the all-rail rates to induce any very large proportion of the shipments to take the Panama route, because the cost of getting most of the wines from the interior and freighting across town more than absorbs the present difference.”

A dealer in paints, oils and glass had this to say:

“We are of the opinion that we received much better service when the American-Hawaiian Line was in operation via the Straits of Magellan than we have lately by the same company working in conjunction with the Mexican overland railroad. Our freight arrived with greater regularity and all in one shipment, whereas at present three or four mixed shipments arrive by the same steamer and the freight is not anything like in as good condition when received.

“As to your inquiry if there are any classes of freight that can be shipped from San Francisco to the Atlantic States via the Panama route to better advantage than by rail over-

land, we would state at the present moment we cannot say there are any classes of freight in the line of merchandise that we carry. The advantages by this route are that we would get better time, in many cases, than the present or average shipments by rail, and we would feel in advance some of the benefits that will be bestowed upon the Pacific Coast by water competition upon the completion of the Panama canal.

“Answering your second inquiry if freight rates were materially cheaper via the Panama route than by rail, if we think shippers would generally take advantage of that route to effect a saving in transportation charges; undoubtedly they would, for the time is very little longer and every few cents per hundred saved would be just that much clear. Competition would compel us and others to take advantage of the best freight rates obtainable.

“You ask if the Straits of Magellan route is of any practical utility for San Francisco exporters or importers in their trade relations with the Atlantic States. We are of the opinion that it is, and there are advantages by an all-water route that are not possessed by an all-rail or part water and part rail route. Freight shipped from New York via the Straits of Magellan receives no handling in transit, and naturally arrives here in much better condition. The time formerly made by the American-Hawaiian Line was a little over sixty days. The average railroad time is not much better now, and in many cases not as good. All heavy shippers of oils, hardware, etc., formerly patronized the Magellan route to a great extent, effecting a saving in loss by leakage, the oil arriving in much better condition than ordinary shipments by rail. Further, there was a difference of freight in favor of the Magellan route, and on heavy goods it represented a marked difference in the merchant's cost.”

A large importer of dry goods replied:

“The Panama route would be of advantage to us in our business with South African countries, consisting of denim

clothing and California-made shirts. It would also assist year and with the development comes substantial growth. It is variously estimated that the quantities of products of the State which are shipped annually aggregate between 600,000 and 750,000 tons, with the most recent figures nearer the last-named total. More than one-half of this vast quantity goes to the markets of the Atlantic States; 5 per cent is shipped via Panama; 15 per cent via Tehuantepec, and the remaining 80 per cent is forwarded by rail. The increase of shipments from San Francisco to the Atlantic States via Panama is simply a question of freight charges and service. If there were sufficient liberality in the way of cheap transportation by the sea route, there is no question but that the volume of shipments could be increased ten-fold. But to accomplish this result, the service would have to be regular, so that sailings could be depended upon and provisions would have to be made to afford the same regular service to all west coast ports which have mercantile dealings with San Francisco exporters. As a matter of fact, the steamship service between San Francisco and Panama during the last twenty years or more has been so completely under control of the transcontinental railroads that there has been no effort whatever put forth to foster and build up the sea service. This explains completely why shipping service by sea has not improved and San Francisco merchants, both importers and exporters, have looked forward with some anxiety to such time as these restrictions could be removed and the great interests of San Francisco as a port built up, enlarged and protected, so that the open sea route would be a competition and act as a regulator of rates by both water and land.

Respectfully submitted,

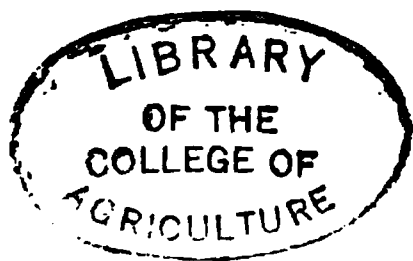
WM. MATSON,
JAMES McNAB,
GEO. D. GRAY.

Harbor and Shipping Committee.

CORRESPONDENTS

Annual reports are exchanged with the following commercial organizations, and are furnished to all Foreign Consuls, local commercial and industrial associations and libraries. Members of The Chamber of Commerce of San Francisco traveling abroad will be furnished with a circular letter of introduction on application to the Secretary.

- The American Chamber of Commerce, Paris, France.
- The Chamber of Commerce of Calais, Calais, France.
- The Chamber of Commerce of Havre, Havre, France.
- The Camera do Comercio, Oporto, Portugal.
- The Chamber of Commerce, London, England.
- The Chamber of Commerce, Liverpool, England.
- The Chamber of Commerce, Glasgow, Scotland.
- The Chamber of Commerce, Bristol, England.
- The Chamber of Commerce, Southampton, England.
- The Chamber of Commerce, Genoa, Italy.
- The Chamber of Commerce, Sydney, N. S. W.
- The Chamber of Commerce, Melbourne, Australia.
- The Chamber of Commerce, Geelong, Australia.
- The Chamber of Commerce, Auckland, New Zealand.
- The Hongkong Chamber of Commerce, Hongkong, China.
- The Yokohama Foreign Chamber of Commerce, Yokohama, Japan.
- The Chamber of Commerce, Adelaide, South Australia.
- The Chamber of Commerce, Canterbury, New Zealand.
- The Chamber of Commerce of Bengal, Calcutta, India.
- The Chamber of Commerce, Hamburg, Germany.
- The Vancouver Board of Trade, Vancouver, B. C.
- The British Columbia Board of Trade, Victoria, B. C.
- The Chamber of Commerce, Newcastle, Australia.
- The British Chamber of Commerce, Paris, France.
- The Chamber of Commerce of the State of New York, New York.
- The Chamber of Commerce, Boston, Mass.
- The Board of Trade and Transportation, New York, N. Y.
- The Philadelphia Maritime Exchange, Philadelphia, Pa.
- The Baltimore Board of Trade, Baltimore, Md.
- The Chamber of Commerce, New Orleans, La.
- The Chamber of Commerce, Cincinnati, Ohio.
- The New York Produce Exchange, New York, N. Y.



CORRESPONDENTS

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The Chamber of Commerce, Savannah, Ga.
The Chamber of Commerce, Galveston, Texas.
The Chicago Board of Trade, Chicago, Ill.
The Peoria Board of Trade, Peoria, Ill.
The Pittsburg Chamber of Commerce, Pittsburg, Pa.
The Chicago Chamber of Commerce, Chicago, Ill.
The Bath Board of Trade, Bath, Me.
The Chamber of Commerce, Sault Ste. Marie, Mich.
The Merchants' Exchange, St. Louis, Mo.
The Omaha Board of Trade, Omaha, Neb.
The Board of Trade, Newark, N. J.
The Chamber of Commerce, Cleveland, Ohio.
The Philadelphia Board of Trade, Philadelphia, Pa.
The Chamber of Commerce, Richmond, Va.
The Chamber of Commerce, Aberdeen, Wash.
The Chamber of Commerce, Spokane, Wash.
The Chamber of Commerce, Tacoma, Wash.
The Chamber of Commerce, Seattle, Wash.
The Humboldt County Chamber of Commerce, Eureka, Cal.
The Portland (Ore.) Chamber of Commerce, Portland, Ore.
The Astoria Chamber of Commerce, Astoria, Ore.
The Chamber of Commerce, Los Angeles, Cal.
The Chamber of Commerce, San Diego, Cal.
The Chamber of Commerce, Salt Lake City, Utah.
The Oakland Board of Trade, Oakland, Cal.
The Fresno Chamber of Commerce, Fresno, Cal.
The Sacramento Board of Trade, Sacramento, Cal.
The Stockton Board of Trade, Stockton, Cal.
The Board of Trade of San Francisco, San Francisco, Cal.
The Merchants' Association, San Francisco, Cal.
California State Board of Trade, San Francisco, Cal.
Milwaukee Chamber of Commerce, Milwaukee, Wis.
Merchants' Exchange, Memphis, Tenn.
Chamber of Commerce of Amsterdam.
Chamber of Commerce of Bulawayo, Matabeleland, South Africa.
Parliamentary Library, Ottawa.
New York State Library, Albany, N. Y.
Chamber of Commerce, Edinburgh, Scotland.
Chamber of Commerce, Johannesburg, S. A. R.
Perth Chamber of Commerce, Western Australia.
Chamber of Commerce, New Haven, Conn.
Chamber of Commerce, Bremen, Germany.
Commercial and Industrial Association, Montgomery, Ala.
Interstate Commerce Commission, Washington.
University of California Library, Berkeley, Cal.

Merchants' and Manufacturers' Association, Baltimore, Md.
Chamber of Commerce and Factory of Ghent.
Board of Trade, Springfield, Mass.
Free Public Library, San Francisco, Cal.
Leland Stanford, Jr., University Library, Palo Alto, Cal.
Staten Island Chamber of Commerce, Staten Island, N. Y.
The State Historical Society of Wisconsin, Madison, Wis.
Nagasaki Chamber of Commerce, Nagasaki, Japan.
Business Men's Association, Pueblo, Colo.
Chamber of Commerce, Kobe, Japan.
Philadelphia Commercial Museum, Philadelphia, Pa.
Imperial University, Kyoto, Japan.
University of Pennsylvania, Philadelphia, Pa.
American Chamber of Commerce, Manila, P. I.
Yokohama Chamber of Commerce (Japanese), Yokohama, Japan.
Chamber of Commerce, Kyoto, Japan.
The Commercial Club, St. Paul, Minn.
Wellington Harbor Board, Wellington, N. Z.
Commercial Club, Cedar Rapids, Iowa.
Tokyo Chamber of Commerce Yaesucho, Tokyo, Japan.
National Board of Trade, Philadelphia, Pa.
Manila Chamber of Commerce, Manila, P. I.
Boston Merchants' Association, Boston, Mass.
Chamber of Commerce, Buffalo, N. Y.
The American Chamber of Commerce in Berlin, Germany.
The Netherland Chamber of Commerce in America, 68 Broad St., N.Y.
The Commercial Club of Fargo, N. D.
Deutsches Export-Informations-Bureau, Cologne, Germany.
Chamber of Commerce, Bordeaux, France.
Portland Commercial Club, Portland, Ore.

IN MEMORIAM

NAME	DIED
THEODORE F. PAYNE.....	March 8, 1907
EVERETT N. JONES.....	March 15, 1907
WILLIAM H. MILLS.....	May 25, 1907
DONALD BEADLE.....	June 14, 1907
C. E. HEISE.....	July 9, 1907
GEO. D. DORNIN.....	July 31, 1907.
C. L. TAYLOR.....	October 27, 1907

**FORM OF CALL FOR MEETING OF THE
CHAMBER OF COMMERCE.**

Hon.....

President Chamber of Commerce of San Francisco:

Sir—The undersigned, in accordance with Article 1 of the
By-Laws, respectfully requests that you will call a Special
Meeting of the Chamber on.....19....., at.....
o'clock for the purpose of.....
and we hereby agree to attend said meeting personally.

(To be signed by at least five members.)

ANNUAL STATISTICS

COMPILED BY

The Chamber of Commerce of San Francisco

For the Year ending December 31, 1907

A COMMERCIAL AND FINANCIAL RECORD WITH
COMPARATIVE FIGURES

THE TRADE OF SAN FRANCISCO AND ESTIMATED
YIELD OF THE LEADING PRODUCTS
OF CALIFORNIA.

BANK CLEARINGS

The monthly clearings at the San Francisco Clearing House during the last three years, make the following showing:

Months	1907	1906	1905
January.....	\$204,512,323 10	\$ 185,519,862 09	\$ 138,208,835 80
February.....	194,294,366 93	156,271,911 56	120,390,215 49
March.....	200,558,251 65	199,665,648 33	153,225,603 74
April.....	198,035,735 38	107,847,591 36	148,828,672 24
May.....	188,809,919 71	50,620,020 87	146,281,510 91
June.....	168,591,327 38	132,615,554 48	148,980,164 44
July.....	182,833,805 76	163,268,204 46	147,706,598 26
August.....	183,343,978 10	188,465,609 49	162,138,490 17
September.....	169,804,815 37	185,499,838 13	163,249,896 63
October.....	201,241,688 01	206,989,793 02	170,212,390 10
November.....	117,528,161 48	218,367,350 77	168,150,258 22
December.....	124,329,252 93	203,269,394 90	167,177,152 51
Totals.....	\$2,133,882,625 80	\$1,998,400,779 06	\$1,834,549,788 51

The total Clearings and Balances for the past thirty years and average daily Clearing for each year are as follows:

Year	Clearings	Balances	Days	Average Daily Clearing
1878	\$ 715,329,319 70	\$151,888,434 05	306	\$2,337,677 50
1879	553,953,955 90	129,561,079 52	305	1,816,242 50
1880	486,725,953 77	118,046,934 94	304	1,601,072 20
1881	598,696,832 35	125,388,744 81	304	1,969,397 50
1882	629,114,119 81	108,487,872 15	303	2,076,284 20
1883	617,921,853 51	107,269,494 53	304	2,032,637 70
1884	556,857,691 03	95,275,201 49	304	1,831,768 72
1885	562,344,737 93	100,460,388 52	305	1,843,753 24
1886	642,221,391 21	105,832,828 47	301	2,133,625 88
1887	829,181,929 86	129,474,942 72	303	2,736,574 02
1888	836,735,954 39	123,271,533 66	305	2,743,396 57
1889	843,386,150 94	126,765,916 49	304	2,780,807 50
1890	851,066,172 60	118,824,559 86	302	2,818,099 91
1891	892,426,712 61	123,033,279 27	306	2,913,159 19
1892	815,368,724 41	110,364,511 10	304	2,682,133 96
1893	699,285,777 88	91,744,516 81	304	2,300,282 16
1894	658,526,806 13	88,426,316 52	303	2,173,355 79
1895	692,079,240 23	98,291,742 10	305	2,269,112 26
1896	683,229,599 26	90,491,491 73	304	2,247,465 79
1897	750,789,143 91	96,115,599 66	305	2,461,603 75
1898	813,153,024 00	103,329,265 56	303	2,683,673 35
1899	971,015,072 23	121,228,735 39	303	3,204,670 21
1900	1,029,582,594 78	118,157,405 71	303	3,397,962 36
1901	1,178,169,536 30	138,515,989 73	304	3,875,557 68
1902	1,373,362,025 31	166,234,644 08	303	4,532,547 94
1903	1,520,200,682 07	177,810,822 37	305	4,984,264 53
1904	1,534,631,136 73	170,617,891 90	305	5,031,577 49
1905	1,834,549,788 51	187,250,604 74	304	6,034,703 25
1906	1,998,400,779 06	217,625,954 70	288	6,938,891 59
1907	2,133,882,625 80	209,800,867 05	304	7,019,350 74

The volume of San Francisco's bank clearings, in comparison with the clearings of all other Pacific and far western cities, where clearing houses are established, makes the following showing for the past three years:

Cities	1907	1906	1905
San Francisco.....	\$2,133,883,626	\$1,998,400,779	\$1,834,549,789
Los Angeles.....	581,802,982	578,634,517	479,985,298
Seattle.....	488,591,471	485,920,021	301,600,202
Portland.....	350,933,525	281,170,796	228,402,713
Salt Lake City	292,158,322	288,175,013	211,597,740
Tacoma	246,157,666	204,962,372	164,955,054
Spokane.....	301,419,017	228,452,196	164,099,092
Helena	48,177,437	42,013,396	39,404,842
Fargo	28,677,746	26,268,270	32,750,011
Sioux Falls	26,036,280	19,639,906	15,679,285
Denver	407,803,850	349,774,100	327,957,696
Colorado Springs...	35,935,128	35,903,905	34,128,923
Oakland.....	140,416,039	120,853,367	Not included
San Jose.....	25,352,824	10,969,524	Not included
Totals	\$5,107,345,913	\$4,539,315,271	\$3,835,110,645 ¹

The aggregate increase for 1907 over the previous year for all the above named cities was \$568,029,642.

The position of San Francisco, with reference to bank clearings, among the leading cities of the United States during the past three years, is shown as follows:

Cities	1907	1906	1905
New York.....	\$87,182,168,381	\$104,675,828,656	\$93,822,060,202
Chicago	12,087,647,870	11,043,311,894	10,141,765,732
Boston.....	8,135,210,165	8,335,346,113	7,655,225,997
Philadelphia.....	7,161,060,440	7,686,966,980	6,928,655,686
St. Louis.....	3,165,619,327	2,972,653,307	2,899,798,979
Pittsburg	2,743,570,484	2,640,847,046	2,506,069,216
San Francisco.....	2,133,883,626	1,998,400,779	1,834,549,789
Baltimore	1,472,911,207	1,444,859,075	1,290,165,759
Cincinnati.....	1,361,879,950	1,310,435,600	1,204,529,550
Kansas City	1,649,175,013	1,331,675,055	1,197,905,567
New Orleans.....	956,538,295	1,020,252,303	962,771,960
Cleveland.....	897,170,784	837,548,334	774,678,269

In bank clearings San Francisco ranks seventh among the cities of the country. All these cities have maintained their same numerical position for several years past.

SAN FRANCISCO COMMERCIAL BANKS

The condition and affairs of the Commercial Banks in San Francisco, on the dates named, as reported to the Board of Bank Commissioners, make the following showing:

Resources	Dec. 28, 1907 40 Banks	Dec. 31, 1906 40 Banks
Bank Premises	\$ 3,091,903 96	\$ 3,402,383 89
Other Real Estate	873,478 73	1,501,625 62
Miscellaneous Bonds and Stocks.....	15,357,454 95	18,067,421 59
Loans on Real Estate.....	10,138,240 98	8,528,175 64
Loans on Stocks, Bonds and Warrants and other securities.....	62,417,879 81	76,107,041 49
Money on hand	18,197,066 87	15,231,535 91
Due from Banks and Bankers.....	17,762,910 71	32,167,196 19
Other Assets	2,792,258 26	2,151,343 14
Totals	\$130,631,194 27	\$157,156,723 44

Increase in Resources during 1905—\$4,035,232.22.

Increase in Resources during 1906—\$25,747,250.18.

Decrease in Resources during 1907—\$26,525,529.17.

Liabilities	Dec. 28, 1907 40 Banks	Dec. 31, 1906 40 Banks
Capital paid in coin	\$21,525,311 33	\$ 18,668,930 32
Reserve Fund, Profit and Loss	15,502,423 04	16,338,892 74
Due Depositors.....	70,224,725 20	101,901,692 88
Due Banks and Bankers.....	15,619,981 55	16,876,991 37
Other liabilities	7,758,753 15	3,370,216 13
Totals	\$130,631,194 27	\$157,156,723 44

Increase in Deposits during 1905—\$9,414,285.17.

Increase in Deposits during 1906—\$21,026,845.50.

Decrease in Deposits during 1907—\$31,676,967.68.

Resources and deposits during a series of years, as shown by official statements were as follows:

Date	Resources	Deposits
1905—December 30	\$131,409,473 26	\$80,874,847 38
1904—January 5.....	127,374,241 04	71,460,562 21
1903—January 23.....	117,476,092 25	65,122,974 68
1902—December 31	109,294,865 96	67,853,182 53
1901—December 31	90,185,766 73	55,545,547 72
1900—December 31	76,543,241 09	46,270,737 20
1899—November 29.....	74,918,939 00	44,011,228 00
1898—December 31	64,122,154 00	34,516,310 00
1897—November 30.....	73,401,306 00	37,053,416 00
1896—November 30.....	68,339,005 00	30,178,548 00

SAN FRANCISCO SAVINGS BANKS

Detailed statements of the condition and affairs of the Savings Banks in San Francisco on the dates named make the following showing:

Resources	Dec. 28, 1907 12 Banks	Dec. 31, 1906 14 Banks
Bank Premises.....	\$ 4,045,786 51	\$ 2,808,211 04
Real Estate	826,615 47	1,024,105 61
Bonds, Stocks and Warrants.....	48,189,864 46	59,926,699 80
Loans on Real Estate	97,654,673 95	89,215,999 54
Loans on Stocks, Bonds, Warrants, etc.	2,988,061 11	8,172,002 23
Money on hand	4,564,495 33	8,151,893 36
Due from Banks and Bankers.....	4,733,651 04	5,670,401 69
Other assets	661,868 22	339,911 10
Totals.....	\$163,665,016 09	\$175,309,224 27

Increase in Resources during 1905—\$10,174,496.66.

Decrease in Resources during 1906—\$7,046,202.97.

Decrease in Resources during 1907—\$11,644,208.18.

Liabilities	Dec. 28, 1907 12 Banks	Dec. 31, 1906, 14 Banks
Capital paid in Coin	\$ 5,230,000 00	\$ 5,280,000 00
Reserve Fund, Profit and Loss, etc.....	7,488,675 60	7,544,525 72
Due Depositors	147,095,374 49	160,965,128 50
Due Banks and Bankers .....	.....	1,086,234 97
Other liabilities.....	3,850,966 00	433,335 18
Totals	\$163,665,016 09	\$175,309,224 27

Increase in Deposits during 1905—\$9,511,380.98.

Decrease in Deposits during 1906—\$8,573,115.63.

Decrease in Deposits during 1907—\$13,869,754 01.

Resources and deposits during the ten preceding years, as shown by official statements, were as follows:

Date	Resources	Deposits
1905—December 30	\$182,355,427 24	\$169,538,244 13
1905—January 5.....	172,180,930 58	160,026,863 15
1904—January 23.....	166,466,773 65	154,906,701 98
1902—December 31	154,762,790 48	144,295,034 57
1901—December 31	143,524,996 39	133,430,482 77
1900—December 31	134,498,940 61	124,580,434 81
1899—November 29.....	127,317,067 00	115,688,396 00
1898—December 31	119,548,502 00	110,001,652 00
1897—November 30.....	113,882,945 00	102,119,990 00
1896—November 30.....	112,877,677 00	100,851,482 00

NATIONAL BANKS

The condition of the National Banks in San Francisco on the dates named was as follows:

Resources	Dec. 3, 1907 9 Banks	Jan. 26, 1907 11 Banks
Loans and Discounts	\$46,977,727 90	\$ 62,891,290 63
Overdrafts	101,499 98	176,059 74
U. S. Bonds for circulation.....	12,100,000 00	12,300,000 00
U. S. Bonds to secure deposits	3,820,000 00	6,460,000 00
Other Bonds to secure U. S. deposits	2,725,142 09	285,825 23
U. S. Bonds on hand	149,000 00	301,100 00
Premium on U. S. Bonds	587,707 17	571,068 13
Stocks, securities, claims, etc.....	7,032,199 14	8,194,908 24
Banking houses and fixtures	921,470 59	954,643 85
Other Real Estate and Mortgages.....		740,999 71
Clearing house certificates.....	9,332 00	
Due from other National Banks	3,910,357 06	4,540,651 50
Due from State Banks	4,648,672 32	6,771,376 83
Due from Reserve Agents	4,385,257 59	8,291,064 86
Checks and other cash items	137,457 26	209,006 90
Exchanges for clearing house.....	1,254,624 71	2,453,223 08
Bills of National Banks	82,014 00	89,928 00
Fractional currency.....	7,910 07	12,020 73
Specie.....	8,919,966 00	11,440,677 20
Legal tender notes.....	81,270 00	147,842 00
Five per cent Redemption Fund.....	600,000 00	585,000 00
Due from U. S. Treasurer.....	5 00	
Total Resources	\$98,451,612 88	\$127,416,686 63

Increase in Resources during 1905—\$37,082,979.41.

Increase in Resources during 1906—\$29,325,525.83.

Decrease in Resources during 1907—\$29,965,073.75.

Liabilities	Dec. 3, 1907 9 Banks	Jan. 26, 1907 11 Banks
Capital paid in	\$13,800,000 00	\$ 12,800,000 00
Surplus Fund	7,430,000 00	7,227,072 01
Undivided profits.....	2,298,050 83	1,272,178 10
Notes in circulation	11,797,885 00	12,064,485 00
Due to National Banks	5,310,972 51	10,638,638 93
Due State Banks.....	7,289,546 64	13,938,929 26
Due to trust companies	6,660,992 96	7,885,573 84
Due to reserve agents.....	65,976 70	146,659 05
Dividends unpaid.....	3,684 50	13,060 00
Individual deposits.....	31,502,547 98	52,135,272 08
United States deposits	6,354,426 66	6,714,988 36
Deposits U. S. disb. officers.....	10,535 00	9,830 00
Bonds borrowed.....	1,850,000 00	2,570,000 00
Bills payable.....	56,000 00	
Other liabilities.....	34,940 10	
Clearing house Certificates	3,986,054 00	
Total liabilities	\$98,451,612 88	\$127,416,686 53

Increase in individual Deposits during 1905—\$14,490,336.16.

Increase in individual Deposits during 1906—\$15,181,119.80.

Decrease in individual Deposits during 1907—\$20,632,724.10.

INTERIOR COMMERCIAL BANKS

The condition and affairs of the Commercial Banks in California, outside of San Francisco, on the dates named, is as follows:

Resources	Dec. 28, 1907 311 Banks	Dec. 31, 1906 290 Banks
Bank Premises	\$ 4,439,776 95	\$ 4,605,080 26
Other Real Estate	2,866,814 51	3,208,800 06
Stocks and Bonds	19,598,129 66	14,797,699 56
Loans on Real Estate	28,710,553 89	26,341,611 13
Loans on Stocks and Bonds and Warrants	62,697,119 57	66,213,411 52
Money on hand	11,736,207 37	8,985,095 05
Due from Banks and Bankers	17,123,415 23	26,978,251 14
Other Assets	3,746,089 27	2,148,389 64
Totals.....	\$150,918,106 45	\$153,278,338 36

Increase in Resources during 1905—\$19,853,135.65.

Increase in Resources during 1906—\$29,887,833.30.

Decrease in Resources during 1907—\$2,360,231.91.

Liabilities	Dec. 28, 1907 311 Banks	Dec. 31, 1906 290 Banks
Capital paid up	\$ 27,031,503 01	\$ 25,640,140 18
Reserve Fund	13,187,383 98	11,981,646 52
Due Depositors	102,250,729 96	108,579,935 49
Due Banks	3,807,586 31	5,969,752 51
Other Liabilities	4,641,353 19	1,106,863 66
Totals.....	\$150,918,106 45	\$153,278,338 36

Increase in Deposits during 1905—\$14,062,789.17.

Increase in Deposits during 1906—\$24,893,022.30.

Decrease in Deposits during 1907—\$6,329,205.53.

Resources and deposits during the ten preceding years, as shown by official statements, were as follows:

Date	Resources	Deposits
1905—Dec. 30	\$123,390,505 06	\$83,686,913 19
1905—Jan. 5	103,537,369 41	69,624,124 02
1904—Jan. 23	96,838,555 30	64,446,518 63
1902—Dec. 31	99,490,751 68	67,343,234 20
1901—Dec. 31	82,336,933 28	52,943,472 16
1900—Dec. 31	75,680,459 00	46,570,773 00
1899—Nov. 29	71,225,438 00	42,932,631 00
1898—Dec. 31	62,996,189 00	34,928,599 00
1897—Nov. 30	62,973,135 00	34,482,929 00
1896—Nov. 30	57,132,803 00	28,395,729 00

INTERIOR SAVINGS BANKS

The condition and affairs of the Savings Banks in California, outside of San Francisco, on the dates named is as follows:

Resources	Dec. 28, 1907 118 Banks	Dec. 31, 1906 115 Banks
Bank Premises	\$ 2,926,160 03	\$ 2,214,578 89
Other Real Estate	896,827 75	1,099,094 67
Bonds and Stocks	22,227,798 11	21,150,138 21
Loans on Real Estate	79,039,435 67	75,360,055 40
Loans on Stocks, Bonds, etc	11,380,345 79	11,945,561 46
Money on hand	4,853,620 47	5,565,846 82
Due from other banks	14,492,685 48	21,012,345 25
Other Assets	1,845,497 87	796,845 18
Total Assets	\$137,662,371 17	\$139,144,465 88

Increase in Resources during 1905—\$19,333,811.13.

Increase in Resources during 1906—\$36,337,235.08.

Decrease in Resources during 1907—\$1,482,094.71.

Liabilities	Dec. 28, 1905 118 Banks	Dec. 31, 1906 115 Banks
Capital paid up	\$ 10,287,474 00	\$ 8,560,810 00
Reserve Fund and Profit and Loss	5,211,977 24	4,287,047 63
Due Depositors	115,394,408 56	124,954,688 51
Due other Banks	3,734,998 36	942,129 06
Other Liabilities	3,033,513 01	399,790 68
Total Liabilities	\$137,662,371 17	\$139,144,465 88

Increase in Deposits during 1905—\$17,187,995.53.

Increase in Deposits during 1906—\$33,198,897.51.

Decrease in Deposits during 1907—\$9,560,279.95.

Resources and deposits during a series of years as shown by official statements were as follows:

Date	RESOURCES	DEPOSITS
1905—December 30	\$102,807,230 80	\$91,755,791 00
1905—January 5	83,473,419 67	74,567,795 47
1904—January 23	71,674,240 63	63,830,055 09
1902—December 31	60,223,114 20	53,753,932 05
1901—December 31	52,356,564 62	46,282,622 70
1900—December 31	45,510,762 00	39,925,483 00
1899—November 29	40,245,204 00	34,317,178 00
1898—December 31	36,730,611 00	31,178,317 00
1897—November 30	34,222,989 00	28,236,146 00
1896—November 30	32,690,001 00	26,474,526 00

PRIVATE BANKS

The condition and affairs of the Private Banks in California, outside of San Francisco, is as follows:

Resources	Dec. 28, 1907 19 Banks	Dec. 31, 1906 36 Banks
Bank Premises	\$ 183,083 50	\$ 139,811 04
Other Real Estate	76,606 57	224,192 54
Bonds and Stocks	265,044 57	552,619 54
Loans on real estate	229,568 73	685,362 38
Loans on stocks and bonds.....	2,811,077 19	4,424,049 80
Money on hand	737,718 23	443,407 59
Due from banks	513,516 54	1,257,620 71
Other assets	101,853 82	280,356 60
Total resources	\$4,918,469 15	\$7,977,420 20

Increase in Resources during 1905—\$5,842,700.74.

Decrease in Resources during 1906, \$1,712,170.63.

Decrease in Resources during 1907—\$3,058,951.05.

Liabilities	Dec. 28, 1907 19 Banks	Dec. 31, 1906 36 Banks
Capital paid up.....	\$1,350,150 00	\$1,428,013 64
Reserve fund, profit and loss.....	241,471 16	642,368 72
Due depositors.....	2,440,852 42	4,380,794 24
Due banks	848,970 26	790,664 96
Other liabilities	37,025 31	735,578 64
Total liabilities	\$4,918,469 15	\$7,977,420 20

Increase in Deposits during 1905—\$5,058,250.64.

Decrease in Deposits during 1906—\$3,071,635.39.

Decrease in Deposits during 1907—\$1,939,941.82.

Resources and deposits during a series of years, as shown by official statements, were as follows:

Date	Resources	Deposits
1905—December 30	\$9,689,590 83	\$7,452,429 63
1905—January 5.....	3,846,890 09	2,394,178 99
1904—January 23.....	3,856,832 79	2,597,920 65
1902—December 31	3,152,474 27	2,170,438 95
1901—December 31	3,143,711 05	1,873,913 44
1900—December 31	2,611,868 00	1,580,710 00
1899—November 29.....	2,905,538 00	1,726,390 00
1898—December 31	2,849,223 00	1,546,109 00
1897—November 30.....	2,920,319 00	1,433,880 00
1896—November 30.....	2,649,736 00	1,074,035 00

BANKING IN CALIFORNIA

The detailed aggregate condition of all the Savings, Commercial and Private banks in California under the supervision of the Bank Commission, was as follows on the dates named:

Resources	Dec. 28, 1907 500 Banks	Dec. 31, 1906 495 Banks
Bank premises	\$ 14,686,710 95	\$ 13,170,065 12
Real estate	5,540,343 03	7,051,818 50
Miscellaneous bonds and stocks	105,638,291 75	114,464,578 67
Loans on real estate	215,772,473 22	200,131,204 09
Loans on stocks, bonds and warrants.	142,294,483 47	166,862,066 50
Money on hand	40,089,108 27	38,377,778 73
Due from banks and bankers	54,626,179 00	87,085,814 98
Other assets	9,147,507 44	5,716,845 66
Totals	\$587,795,157 13	\$632,866,172 25
Increase in Resources during 1905—\$59,239,376.40.		
Increase in Resources during 1906—\$83,213,945.06.		
Decrease in Resources during 1907—\$45,071,015.12.		

Liabilities	Dec. 28, 1907 500 Banks	Dec. 31, 1906 495 Banks
Capital paid in coin	\$ 65,424,438 34	\$ 59,577,894 14
Reserve fund	41,631,931 02	40,794,481 33
Due depositors	437,405,640 63	500,772,239 62
Due banks and bankers	24,011,536 48	25,665,772 87
Other liabilities	19,321,610 66	6,045,784 29
Total liabilities	\$587,795,157 13	\$632,866,172 25
Increase in Deposits during 1905—\$55,234,701.49.		
Increase in Deposits during 1906—\$67,474,014.29.		
Decrease in Deposits during 1907—\$63,366,598.99.		

Resources and deposits during a series of years, as shown by official statements, were as follows.

Date	Resources	Deposits
December 30	\$540,652,227 19	\$433,308,225 33
"	490,412,850 79	378,073,523 84
"	456,312,494 62	350,904,171 03

NATIONAL BANKS

The condition of the National Banks in California on the dates named was as follows:

Resources	Dec. 3, 1907 131 Banks	Jan. 26, 1907 123 Banks
Loans and discounts.....	\$123,970,658 00	\$139,637,030 20
Overdrafts.....	1,207,289 00	1,504,769 91
U. S. bonds for circulation.....	24,324,750 00	23,248,500 00
U. S. bonds to secure deposits.....	6,290,000 00	8,830,000 10
Other bonds to secure U. S. deposits.....	3,585,308 00	978,784 26
U. S. bonds on hand.....	302,800 00	775,380 00
Premium on U. S. bonds.....	1,064,686 00	1,037,865 63
Stock securities, claims, etc.....	20,354,302 00	18,666,037 27
Banking houses and fixtures.....	4,660,316 00	3,953,281 11
Other real estate, etc.....	274,480 00	1,003,720 74
Clearing House certificates.....	865,223 00	.....
Due from other National Banks.....	7,206,850 00	9,717,487 16
Due from State Banks.....	7,437,309 00	10,888,344 30
Due from Reserve Agents.....	15,745,819 00	24,352,851 34
Checks and other cash items.....	1,722,987 00	1,760,819 85
Exchanges for Clearing House.....	2,500,115 00	3,581,591 16
Bills of National Banks.....	700,891 00	494,499 00
Fractional currency.....	47,424 00	45,541 71
Specie.....	21,559,102 00	24,479,104 82
Legal tender notes.....	1,194,317 00	1,025,831 00
Five per cent redemption fund.....	1,198,878 00	1,117,315 00
Due from U. S. Treasurer.....	21,460 00	2,527 50
Total resources	\$246,234,964 00	\$276,091,281 96

Increase in Resources during 1905—\$65,276,947.00.

Increase in Resources during 1906—\$66,824,598.66.

Decrease in Resources during 1907—\$29,856,317 96.

Liabilities	Dec. 3, 1907 131 Banks	Jan. 26, 1907 123 Banks
Capital paid in.....	\$ 30,452,800 00	\$ 27,255,300 00
Surplus fund.....	13,639,550 00	13,082,455 07
Undivided profits.....	6,887,594 00	4,889,028 21
Notes in circulation.....	23,926,767 00	22,818,845 00
Due National Banks.....	8,814,587 00	14,739,215 30
Due to State Banks.....	11,419,465 00	18,962,566 42
Due to trust companies.....	13,247,092 00	16,548,436 11
Due to reserve agents.....	293,053 00	313,918 98
Dividends unpaid.....	17,995 00	44,066 12
Individual deposits.....	125,743,788 00	143,712,680 34
United States deposits.....	9,376,766 00	9,468,219 51
Deposits U. S. disb. officers.....	220,075 00	251,226 28
Bonds borrowed.....	2,295,000 00	2,735,000 00
Notes and bills discounted.....	513,500 00	40,000 00
Bills Payable.....	2,596,788 00	730,000 00
Reserved for Taxes.....	6,505 00	.....
Other liabilities.....	694,621 00	501,324 62
Clearing House certificates.....	6,089,018 00	.....
Total liabilities	\$246,234,964 00	\$276,091,281 96

Increase in individual Deposits during 1905—\$33,128,726.62.

Increase in individual Deposits during 1906—\$36,719,220.60.

Decrease in individual Deposits during 1907—\$17,968,892 34.

PACIFIC OCEAN TRADE

The value of all shipments of domestic and foreign merchandise from San Francisco by sea to foreign countries, the Atlantic States and non-contiguous territory, for each month of the past four years is shown as follows:

Exports	1907	1906	1905	1904
January.....	\$ 4,246,233	\$ 4,038,504	\$ 4,055,920	\$ 3,563,029
February.....	3,481,740	3,804,952	3,879,492	3,191,664
March.....	4,324,937	5,175,861	7,093,994	3,981,815
April.....	3,959,266	3,170,324	5,914,870	4,690,285
May.....	3,638,444	3,892,493	6,022,225	3,193,360
June.....	3,808,770	3,378,296	5,524,048	3,329,857
July.....	3,583,762	3,062,140	4,669,085	3,365,076
August.....	3,131,335	2,908,408	5,455,065	3,449,163
September.....	3,268,347	4,750,947	5,820,473	4,723,072
October.....	4,776,337	5,319,543	5,135,437	7,378,825
November.....	3,714,784	4,755,438	5,548,459	7,639,323
December.....	4,637,835	5,305,497	5,798,437	8,156,012
Totals.....	\$46,571,790	\$49,562,403	\$64,918,505	\$56,661,481

The monthly total values of all imports of foreign merchandise at San Francisco by sea, for four years past, are shown as follows:

Imports	1907	1906	1905	1904
January.....	\$ 4,821,076	\$ 3,404,578	\$ 4,540,755	\$ 3,050,827
February.....	5,410,399	4,101,193	2,845,302	4,450,145
March.....	3,809,027	4,884,221	3,673,754	3,255,618
April.....	6,229,058	3,005,060	3,521,488	2,492,496
May.....	4,452,275	4,039,704	4,219,979	3,009,408
June.....	2,818,090	3,149,983	3,599,401	2,867,723
July.....	5,428,117	2,812,737	2,397,459	3,198,694
August.....	4,456,010	3,839,547	4,002,531	3,196,903
September.....	4,506,396	4,525,492	5,156,396	3,447,044
October.....	4,533,789	5,192,054	3,557,388	5,716,494
November.....	3,716,516	5,501,939	2,983,247	4,831,528
December.....	4,026,252	4,735,870	3,841,511	3,893,100
Totals.....	\$54,207,011	\$49,192,378	\$44,339,611	\$43,409,980

The aggregate ocean commerce of the port of San Francisco, exclusive of coastwise trade, during the past four years, is as follows:

	1907	1906	1905	1904
Exports	\$ 46,571,790	\$49,562,403	\$ 64,918,505	\$ 56,661,4
Imports	54,207,011	49,192,378	44,339,611	43,409,6
Total Trade....	\$100,778,801	\$98,754,781	\$109,258,116	\$100,071,

SAN FRANCISCO'S COMMERCE

The annual valuations of merchandise traffic between San Francisco and foreign countries, the Atlantic States and non-contiguous territory for a series of years past are as follows:

EXPORTS		IMPORTS	
Year	Value	Year	Value
1858.....	\$ 4,770,163	1858.....	\$ 7,120,506
1859.....	5,553,411	1859.....	8,007,625
1860.....	8,532,439	1860.....	8,416,681
1861.....	9,888,072	1861.....	8,972,360
1862.....	10,565,292	1862.....	10,781,674
1863.....	12,877,399	1863.....	12,179,320
1864.....	13,271,752	1864.....	13,962,487
1865.....	14,554,496	1865.....	15,271,104
1866.....	17,303,818	1866.....	15,846,070
1867.....	22,465,903	1867.....	16,987,437
1868.....	22,943,340	1868.....	18,723,738
1869.....	20,888,921	1869.....	19,714,001
1870.....	17,848,160	1870.....	19,733,850
1871.....	13,951,149	1871.....	28,736,646
1872.....	23,793,530	1872.....	39,704,754
1873.....	31,160,208	1873.....	33,159,149
1874.....	28,425,248	1874.....	31,529,708
1875.....	33,554,081	1875.....	35,703,784
1876.....	31,314,782	1876.....	37,559,018
1877.....	29,992,393	1877.....	32,276,653
1878.....	34,155,394	1878.....	35,565,139
1879.....	36,564,328	1879.....	34,124,417
1880.....	35,563,286	1880.....	37,240,514
1881.....	53,664,352	1881.....	38,554,923
1882.....	51,752,428	1882.....	44,348,545
1883.....	45,767,373	1883.....	42,219,484
1884.....	37,244,639	1884.....	37,729,402
1885.....	36,102,842	1885.....	36,744,643
1886.....	40,201,727	1886.....	39,582,551
1887.....	35,964,882	1887.....	41,606,685
1888.....	40,825,062	1888.....	48,609,230
1889.....	41,250,921	1889.....	51,288,309
1890.....	39,969,591	1890.....	45,594,125
1891.....	53,887,459	1891.....	53,325,982
1892.....	40,246,608	1892.....	45,607,950
1893.....	33,853,345	1893.....	39,405,028
1894.....	26,410,672	1894.....	38,514,686
1895.....	33,264,861	1895.....	38,925,607
1896.....	43,513,996	1896.....	36,414,862
1897.....	44,280,000	1897.....	40,846,791
1898.....	35,852,544	1898.....	36,063,124
1899.....	38,924,908	1899.....	45,677,924
1900.....	41,419,679	1900.....	39,424,435
1901.....	41,638,410	1901.....	37,267,279
1902.....	47,601,422	1902.....	36,078,270
1903.....	51,552,249	1903.....	36,522,187
1904.....	56,661,481	1904.....	43,409,980
1905.....	64,918,505	1905.....	44,249,211
1906.....	49,562,403	1906.....	49,192,378
1907.....	46,571,790	1907.....	54,207,011

EXPORTS OF MERCHANDISE

Comparative values of Domestic merchandise and produce exported to foreign countries from San Francisco by sea during the last three years:

Destination	1907	1906	1905
France	\$ 135,734	\$ 83,222	\$ 35,012
Germany	177,538	232,478	118,666
England.....	4,266,723	4,383,474	3,605,952
Ireland.....	489,031	165,301	495,955
Canada.....	152,185	238,145	93,420
British Columbia.....	955,290	754,448	956,623
Costa Rica.....	154,051	102,233	119,883
Guatemala.....	637,935	618,092	1,219,170
Honduras.....	113,909	104,307	221,005
Nicaragua	212,757	263,604	355,045
Salvador.....	510,274	384,354	576,452
Mexico.....	1,701,385	1,315,700	1,611,390
British West Indies	41,144	220,132	25,482
Chile.....	597,479	283,919	219,192
Colombia.....	58,246	41,934	57,390
Ecuador.....	155,752	139,242	219,261
Peru	364,827	258,062	337,242
China	2,817,664	7,314,977	9,883,880
Russian China .....	.....	.....	.....
British East Indies.....	328,418	437,786	37,827
Dutch East Indies.....	63,768	50,253	62,691
Hongkong.....	1,671,287	1,423,349	1,977,980
Japan	8,750,310	8,748,608	18,548,974
Korea	109,104	119,839	118,907
Asiatic Russia.....	155,924	449,672	449,707
Australasia	1,416,059	2,313,290	3,069,453
Other British Oceanica.....	10,448	8,022	13,349
French Oceanica.....	316,612	262,414	320,944
German Oceanica	37,609	44,765	82,697
Philippines	2,051,689	1,152,092	1,356,232
British South Africa.....	39,613	18,514	26,534
Netherlands.....	3,953	4,650	4,800
Spain.....	990	.....	2,726
Sweden.....	4,065	500	.....
Belgium	99,725	169,822	234,555
Straits Settlements	46,449	33,205	61,878
Egypt .....	.....	.....	542
Italy	61,196	32,370	8,775
Scotland	106,505	300,178	63,095
Panama	250,303	245,134	256,969
Siam	14,718	9,286	12,198
Denmark .....	.....	.....	.....
French East Indies.....	2,399	2,132	12,423
Cuba.....	.....	.....	8,412
New Zealand	712,901	646,385	.....
Miscellaneous.....	42,700	94,588	5,816
Total.....	\$29,838,469	\$33,470,478	\$46,888,504

The values of shipments of domestic merchandise for last year forwarded in American vessels were as follows:

Months	Steam	Sail	Totals
January.....	\$ 607,099	\$ 14,940	\$ 622,039
February.....	1,508,173	.....	1,508,173
March.....	1,492,125	.....	1,492,125
April.....	873,176	.....	873,176
May.....	1,425,243	.....	1,425,243
June.....	492,970	12,238	505,208
July.....	1,093,541	106,400	1,199,941
August.....	669,009	11,545	680,554
September.....	541,189	2,550	543,739
October.....	1,052,554	30,432	1,082,986
November.....	669,360	10,831	680,191
December.....	1,834,768	20,000	1,854,768
Totals.....	\$12,259,207	\$196,698	\$12,468,143

The valuation of exports by foreign vessels for last year were as follows:

Months	Steam	Sail	Totals
January.....	\$ 1,417,962	\$ 626,344	\$ 2,044,306
February.....	685,005	395,238	1,080,243
March.....	820,337	308,813	1,129,150
April.....	1,024,066	.....	1,024,066
May.....	845,445	252,340	1,097,785
June.....	1,550,059	90,350	1,640,409
July.....	915,466	211,832	1,127,298
August.....	755,160	190,210	945,370
September.....	732,075	863,312	1,595,387
October.....	1,280,103	925,918	2,206,021
November.....	1,138,277	858,659	1,996,936
December.....	726,745	756,610	1,483,355
Totals.....	\$11,890,700	\$5,479,626	\$17,370,326

The values of exports of Foreign merchandise from sea during the last year were as follows:

Months	Free	Dutiable	Totals
January.....	\$ 7,485	\$ 17,856	\$ 25,341
February.....	5,370	20,933	26,303
March.....	8,989	17,067	26,056
April.....	26,727	20,639	47,366
May.....	17,027	46,074	63,101
June.....	46,291	46,745	93,036
July.....	22,963	72,809	95,772
August.....	14,206	24,019	38,225
September.....	11,204	20,731	31,935
October.....	12,795	29,343	42,138
November.....	8,341	17,812	26,162
December.....	10,752	14,199	24,951
Totals.....	\$192,150	\$384,236	\$540,386

Shipments of Domestic and Foreign merchandise combined make the following showing for the year:

Months	Domestic	Foreign	Totals
January.....	\$ 2,666,345	\$ 25,341	\$ 2,691,686
February.....	2,588,416	26,303	2,614,719
March.....	2,621,275	26,056	2,647,331
April.....	1,897,242	47,366	1,944,608
May.....	2,523,028	63,101	2,586,129
June.....	2,145,617	93,036	2,238,653
July.....	2,327,239	95,772	2,423,011
August.....	1,625,924	38,225	1,664,149
September.....	2,139,126	31,935	2,172,061
October.....	3,289,007	42,138	3,331,145
November.....	2,677,127	26,162	2,703,289
December.....	3,338,123	24,951	3,363,074
Totals.....	\$29,838,469	\$540,386	\$30,378,855

The shipments from San Francisco to the Atlantic States by sea during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$282,312	\$ 274,618	\$ 322,785	\$ 580,260
February.....	268,739	361,520	390,486	143,248
March.....	534,454	328,674	262,182	363,834
April.....	342,750	152,718	305,870	294,342
May.....	195,715	196,470	428,580	302,668
June.....	247,879	267,386	340,894	270,759
July.....	227,347	251,984	204,817	253,525
August.....	249,335	307,418	512,013	124,084
September.....	226,369	302,196	563,482	670,550
October.....	376,400	541,325	136,952	271,905
November.....	252,318	379,104	591,894	392,372
December.....	248,946	320,840	320,840	990,677
Totals.....	\$3,452,564	\$3,684,253	\$4,380,795	\$4,658,224

The exports to Tutuila, Samoa, from San Francisco during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 9,860	\$10,278	\$ 2,110	\$ 1,666
February.....	2,252	3,410	6,532	1,894
March.....	2,988	7,206	12,028	4,024
April.....	.....	.....	4,024	3 532
May.....	270	5,239	5,767	3,922
June.....	15,225	989	10,326	3,442
July.....	.....	7,214	4,457	6,477
August.....	810	4,430	7,398	2,700
September.....	4,163	3,816	4,647	2,966
October.....	9,175	7,495	8,818	1,811
November.....	.....	4,514	1,851	2,701
December.....	513	4,097	12,429	9,298
Totals.....	\$45,256	\$58,688	\$80,387	\$44,433

EXPORTS OF MERCHANDISE

The values of shipments of merchandise and produce from San Francisco to the Hawaiian Islands during the last four years were as follows:

Months	1907	1906	1905	1904
January	\$1,252,730	\$ 895,802	\$ 787,742	\$ 875,378
February	593,502	795,973	784,536	706,473
March	1,084,910	1,075,048	1,095,061	909,015
April	823,663	622,716	956,313	808,149
May	817,023	885,101	809,453	729,252
June	1,076,160	762,969	1,135,294	773,783
July	700,310	805,671	642,457	767,965
August	1,017,073	906,391	999,674	837,676
September	849,802	1,012,043	770,016	780,205
October	971,799	819,490	825,313	820,109
November	758,060	1,196,104	752,917	868,082
December	1,024,372	783,543	1,202,109	936,306
Totals	\$10,979,404	\$10,560,851	\$10,760,885	\$9,812,393

The values of exports to Alaska during the last four years were as follows:

Months	1907	1906	1905	1904
January	\$ 9,645	\$ 4,323	\$ 10,788	\$ 10,306
February	2,528	4,395	3,659	9,304
March	55,254	91,788	162,352	145,955
April	848,245	690,379	612,716	1,641,960
May	39,307	193,585	349,932	325,138
June	230,617	260,907	332,682	409,497
July	231,523	73,959	183,060	133,560
August	199,968	21,112	165,614	166,275
September	16,952	34,974	130,699	55,377
October	87,818	4,804	14,407	8,318
November	1,117	11,273	3,277	6,371
December	930	5,738	2,382	4,037
Totals	\$1,723,904	\$1,397,237	\$1,971,568	\$2,916,098

The total monthly valuations of exports from San Francisco to non-contiguous territory of the United States, embracing Alaska, Hawaii, Tutuila, Guam and Midway Islands during the last three years were as follows:

Months	1907	1906	1905
January.....	\$ 1,272,235	\$ 910,403	\$ 800,668
February.....	598,282	803,778	794,727
March.....	1,143,152	1,174,042	1,269,441
April.....	1,671,908	1,313,095	1,580,884
May.....	856,600	1,083,925	1,165,152
June.....	1,322,238	1,024,865	1,478,302
July.....	933,404	886,844	829,974
August.....	1,217,851	931,933	1,172,686
September.....	870,917	1,050,833	905,362
October.....	1,068,792	831,789	848,538
November.....	759,177	1,211,891	758,045
December.....	1,025,815	793,378	1,216,920
Totals.....	\$12,740,371	\$12,016,776	\$12,820,699

SUMMARY OF EXPORTS

Classified the exports from San Francisco by sea during the last three years were as follows:

Shipments	1907	1906	1905
Domestic Merchandise.....	\$29,838,469	\$33,462,626	\$46,888,504
Foreign Merchandise.....	540,386	390,896	828,507
To Hawaii.....	10,969,404	10,560,851	10,760,885
“ Alaska.....	1,723,904	1,397,237	1,971,568
“ Atlantic States.....	3,452,564	3,684,253	4,380,795
“ Tutuila.....	45,256	58,688	80,387
“ Guam.....	236	.....	.....
“ Midway Island.....	1,571	.....	7,859
Total.....	\$46,571,790	\$49,554,551	\$64,918,505

EXPORTS BY MONTHS

JANUARY—The shipments of Domestic and Foreign merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 6,333	.....	.....
Australasia.....	224,568	\$ 404,266	\$ 146,181
Belgium.....	3,666	.....	.....
British Columbia.....	90,794	55,710	75,170
British East Indies.....	83,339	5,327	2,423
British West Indies.....	4,724	1,340	1,326
Canada.....	5,992	1,327	1,043
Chile.....	60,836	25,120	6,370
China.....	198,039	1,080,963	132,939
Colombia.....	9,991	5,539	4,543
Costa Rica.....	9,371	13,895	17,284
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	3,296	9,304	3,961
Ecuador.....	28,192	13,443	12,902
Egypt.....	.....	.....	128
England.....	306,174	42,032	294,106
France.....	14,077	24,600	2,700
French East Indies.....	.....	320	104
French Oceanica.....	.....	1,179	.....
Germany.....	25,435	4,801	4,870
German Oceanica.....	1,903	5,295	2,109
Guatemala.....	74,263	50,334	74,761
Honduras.....	11,376	11,119	10,197
Hongkong.....	157,297	149,991	118,124
Ireland.....	134,600	85,926	341,989
Italy.....	.....	22,450	7,130
Japan.....	748,094	422,375	1,233,416
Korea.....	3,553	2,349	5,211
Mexico.....	135,198	132,715	98,246
Miscellaneous.....	96,793	715	211
Netherlands.....	.....	.....	.....
New Zealand.....	96,793	.....	.....
Nicaragua.....	29,523	21,318	20,235
Other Asia.....	.....	.....	.....
Other British Oceanica.....	61	116	154
Panama.....	18,244	15,234	12,772
Peru.....	46,228	25,023	15,788
Philippines.....	86,275	129,742	147,575
Russian China.....	.....	.....	.....
Salvador.....	44,952	43,516	50,507
Scotland.....	.....	.....	.....
Siam.....	851	1,795	46
South Africa.....	.....	.....	1,014
Spain.....	490	.....	.....
Straits Settlements.....	1,817	1,931	4,077
Sweden.....	.....	.....	.....
Total domestic.....	\$2,666,345	\$2,811,110	\$2,849,612
Foreign merchandise.....	25,341	34,521	82,855
To Atlantic States.....	282,312	274,618	322,785
To non-contiguous territory....	1,272,235	910,403	800,668
Total for month.....	\$4,246,233	\$4,030,652	\$4,055,922

EXPORTS BY MONTHS

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FEBRUARY—The shipments of Domestic and Foreign merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 1,365	.....	.....
Australasia.....	66,391	\$ 203,427	\$ 299,412
Belgium.....	77,525	.....	.....
British Columbia.....	72,380	70,124	50,294
British East Indies.....	94,196	2,569	1,150
British West Indies.....	3,589	2,886	341
Canada.....	9,447	5,594	4,739
Chili.....	47,014	13,317	4,459
China.....	158,085	815,991	766,521
Colombia.....	3,245	6,186	599
Costa Rica.....	9,182	7,750	9,967
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	12,969	6,184	2,542
Ecuador.....	26,736	13,532	25,327
Egypt.....	.....	.....	.....
England.....	248,114	100,827	379
France.....	11,495	1,257	44
French East Indies.....	.....	1,387	.....
French Oceanica.....	36,982	26,249	28,632
Germany.....	14,767	6,907	3,152
German Oceanica.....	2,003	2,666	4,988
Guatemala.....	76,774	53,402	56,812
Honduras.....	8,836	18,497	12,186
Hongkong.....	178,811	236,932	92,211
Ireland.....	.....	.....	.....
Italy.....	.....	.....	.....
Japan.....	892,835	601,866	1,050,773
Korea.....	7,452	13,284	7,641
Mexico.....	183,174	130,500	111,750
Miscellaneous.....	1,861	1,500	685
Netherlands.....	1,125	.....	.....
New Zealand.....	51,928	.....	.....
Nicaragua.....	27,350	13,385	22,674
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,461	.....	122
Panama.....	21,505	21,664	17,232
Peru.....	19,925	11,973	10,979
Philippines.....	161,636	180,224	21,255
Russian China.....	.....	.....	.....
Salvador.....	48,657	43,234	33,868
Scotland.....	.....	.....	.....
Siam.....	1,483	402	.....
South Africa.....	380	.....	311
Spain.....	.....	.....	.....
Straits Settlements.....	7,738	3,157	6,387
Sweden.....	.....	.....	.....
Total domestic.....	\$2,588,416	\$2,616,873	\$2,647,594
Foreign merchandise.....	26,303	22,781	46,685
To Atlantic States.....	268,739	361,520	389,486
To non-contiguous territory.....	598,282	803,778	795,727
Total for month.....	\$3,481,740	\$3,804,952	\$3,879,492

EXPORTS BY MONTHS

MARCH—The shipments of Domestic and Foreign merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 48,101	\$ 78,781	.....
Australasia.....	117,379	306,704	\$ 216,336
Belgium.....	225	.....	.....
British Columbia.....	74,805	85,985	75,308
British East Indies.....	5,585	45,314	2,912
British West Indies.....	771	2,352	511
Canada.....	1,330	11,999	2,464
Chili.....	24,077	20,774	2,507
China.....	199,495	1,083,937	452,524
Colombia.....	2,277	2,405	2,269
Costa Rica.....	6,022	10,334	11,415
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	3,276	7,071	3,698
Ecuador.....	9,382	2,065	7,057
Egypt.....	.....	.....	214
England.....	225	225,794	.....
France.....	25,560	29,900	25,030
French East Indies.....	870	.....	4,791
French Oceanica.....	27,118	30,432	31,124
Germany.....	4,500	8,292	9,406
German Oceanica.....	2,606	3,765	11,934
Guatemala.....	86,548	71,251	68,487
Honduras.....	6,627	21,729	22,169
Hongkong.....	116,808	117,926	138,645
Ireland.....	244,051	.....	.....
Italy.....	.....	8,000	600
Japan.....	1,185,597	1,077,239	3,375,300
Korea.....	12,513	16,294	11,051
Mexico.....	163,975	150,501	146,174
Miscellaneous.....	.....	.....	.....
Netherlands.....	.....	.....	.....
New Zealand.....	86,913	.....	.....
Nicaragua.....	19,929	42,868	28,720
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,692	1,335	155
Panama.....	16,811	28,924	26,421
Peru.....	19,340	12,679	7,848
Philippines.....	59,294	72,746	199,039
Russian China.....	.....	.....	.....
Salvador.....	37,772	53,468	57,487
Scotland.....	.....	.....	.....
Siam.....	3,605	889	385
South Africa.....	2,232	180	5,806
Spain.....	.....	.....	200
Straits Settlements.....	3,964	1,041	8,194
Sweden.....	.....	.....	.....
Total domestic.....	\$2,621,275	\$3,632,974	\$5,454,541
Foreign merchandise.....	26,056	40,171	107,830
To Atlantic States.....	534,454	328,674	262,182
To non-contiguous territory....	1,143,152	1,174,042	1,269,441
Total for month.....	\$4,324,937	\$5,175,861	\$7,093,994

EXPORTS BY MONTHS

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APRIL—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 2,656	.....	.....
Australasia.....	86,661	\$ 3,573	\$ 214,586
Belgium.....	2,179	.....	2,701
British Columbia.....	85,055	65,157	91,392
British East Indies.....	9,703	702	2,449
British West Indies.....	2,720	2,355	1,049
Canada.....	2,802	4,345	7,210
Chili.....	11,972	26,895	1,888
China.....	370,455	781,290	932,690
Colombia.....	2,704	7,015	1,340
Costa Rica.....	12,780	6,678	6,855
Cuba.....	.....	.....	333
Denmark.....	.....	.....	.....
Dutch East Indies.....	4,910	2,572	5,492
Ecuador.....	11,655	19,498	14,526
Egypt.....	.....	.....	.....
England.....	4,150	20,000	12,575
France.....	15,250	25	.....
French East Indies.....	.....	.....	544
French Oceanica.....	32,299	23,077	22,804
Germany.....	150	2,932	4,928
German Oceanica.....	85	.....	8,779
Guatemala.....	80,098	56,046	95,768
Honduras.....	10,127	3,359	17,667
Hongkong.....	117,550	79,295	117,927
Ireland.....	.....	.....	.....
Italy.....	21	.....	.....
Japan.....	628,514	377,911	2,031,794
Korea.....	15,305	4,053	9,843
Mexico.....	149,013	117,359	104,535
Miscellaneous.....	12,660	420	91
Netherlands.....	.....	.....	625
New Zealand.....	24,020	.....	.....
Nicaragua.....	19,846	9,794	25,829
Other Asia.....	.....	.....	.....
Other British Oceanica.....	507	681	1,399
Panama.....	45,350	16,364	20,538
Peru.....	60,690	17,656	69,746
Philippines.....	16,810	7,484	66,037
Russian China.....	.....	.....	.....
Salvador.....	48,664	29,398	61,436
Scotland.....	.....	.....	.....
Siam.....	3,838	.....	475
South Africa.....	425	.....	3,046
Spain.....	.....	.....	172
Straits Settlements.....	5,618	1,946	6,079
Sweden.....	.....	.....	.....
Total domestic.....	\$1,897,242	\$1,687,880	\$3,965,148
Foreign merchandise.....	47,366	16,631	62,968
To Atlantic States.....	342,750	152,718	305,870
To non-contiguous territory....	1,671,908	1,313,095	1,580,884
Total for month.....	\$3,959,266	\$3,170,324	\$5,914,870

MAY—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 11,875	\$ 184,850	\$ 142,996
Australasia.....	96,765	187,434	114,621
Belgium.....	.....	.....	1,150
British Columbia.....	94,505	45,710	86,633
British East Indies.....	1,503	92,892	3,181
British West Indies.....	1,725	.....	3,051
Canada.....	18,430	17,258	8,811
Chili.....	76,782	49,143	14,806
China.....	400,046	910,602	859,559
Colombia.....	2,217	3,411	4,896
Costa Rica.....	6,806	4,879	9,630
Cuba.....	.....	.....	270
Denmark.....	.....	.....	.....
Dutch East Indies.....	3,970	2,760	4,231
Ecuador.....	2,092	4,341	14,629
Egypt.....	.....	.....	.....
England.....	78,721	450	9,075
France.....	.....	.....	50
French East Indies.....	.....	.....	362
French Oceanica.....	32,939	19,952	25,838
Germany.....	19,550	3,210	19,580
German Oceanica.....	1,962	3,474	3,054
Guatemala.....	52,106	37,692	160,426
Honduras.....	12,728	7,781	39,172
Hongkong.....	221,412	116,300	106,816
Ireland.....	.....	.....	.....
Italy.....	30,100	1,100	575
Japan.....	913,090	620,272	2,347,354
Korea.....	18,245	19,036	8,288
Mexico.....	96,251	53,751	123,737
Miscellaneous.....	.....	.....	.....
Netherlands.....	.....	.....	.....
New Zealand.....	26,736	.....	.....
Nicaragua.....	5,502	11,243	21,161
Other Asia.....	.....	.....	145
Other British Oceanica.....	1,451	.....	678
Panama.....	8,776	14,554	20,727
Peru.....	200	10,484	13,040
Philippines.....	221,641	138,483	114,093
Russian China.....	.....	.....	.....
Salvador.....	18,032	23,390	60,529
Scotland.....	.....	.....	.....
Siam.....	2,885	1,456	528
South Africa.....	33,062	.....	2,855
Spain.....	.....	.....	.....
Straits Settlements.....	10,923	3,203	5,206
Sweden.....	.....	.....	.....
Total domestic.....	\$2,523,028	\$2,589,111	\$4,351,753
Foreign merchandise.....	63,101	22,987	76,740
To Atlantic States.....	195,715	196,470	428,580
To non-contiguous territory....	856,600	1,083,925	1,165,152
Total for month.....	\$3,638,444	\$3,892,493	\$6,022,225

EXPORTS BY MONTHS

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JUNE—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 14,370	\$ 32,127	\$ 27,219
Australasia.....	31,477	73,062	240,337
Belgium.....	1,700	.....	.....
British Columbia.....	83,015	37,727	70,080
British East Indies.....	101,608	50	505
British West Indies.....	3,233	201,191	993
Canada.....	17,916	9,044	3,544
Chili.....	74,028	11,010	21,456
China.....	336,280	525,978	647,840
Colombia.....	3,052	552	6,778
Costa Rica.....	22,110	4,523	14,006
Cuba.....	.....	.....	821
Denmark.....	.....	.....	.....
Dutch East Indies.....	1,857	1,289	5,922
Ecuador.....	29,249	20,033	20,118
Egypt.....	.....	.....	.....
England.....	91,964	641,097	7,306
France.....	.....	11,000	300
French East Indies.....	.....	.....	700
French Oceanica.....	.....	.....	.....
Germany.....	25,166	10,097	14,743
German Oceanica.....	8,558	429	9,401
Guatemala.....	38,481	31,332	167,028
Honduras.....	14,274	3,047	23,568
Hongkong.....	86,381	45,520	74,831
Ireland.....	.....	.....	.....
Italy.....	.....	.....	70
Japan.....	705,755	217,069	1,913,000
Korea.....	9,077	3,850	3,938
Mexico.....	175,065	110,523	123,124
Miscellaneous.....	3,603	.....	1,384
Netherlands.....	.....	.....	.....
New Zealand.....	10,705	.....	.....
Nicaragua.....	20,681	16,213	33,296
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,047	.....	340
Panama.....	25,278	13,448	18,664
Peru.....	48,093	1,671	27,974
Philippines.....	21,634	6,890	128,806
Russian China.....	.....	.....	.....
Salvador.....	138,382	14,596	57,574
Scotland.....	.....	.....	.....
Siam.....	795	924	1,586
South Africa.....	.....	14,537	3,428
Spain.....	.....	.....	105
Straits Settlements.....	783	984	2,311
Sweden.....	.....	.....	.....
Total domestic.....	\$2,145,617	\$2,059,813	\$3,673,096
Foreign merchandise.....	93,036	26,232	31,756
To Atlantic States.....	247,879	267,386	340,894
To non-contiguous territory....	1,322,238	1,024,865	1,478,302
Total for month.....	\$3,808,770	\$3,378,296	\$5,524,048

EXPORTS BY MONTHS

JULY—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 7,085	\$ 57,661	\$ 10,834
Australasia.....	23,415	77,608	135,621
Belgium.....	.....	1,200	1,700
British Columbia.....	75,995	.....	73,174
British East Indies.....	1,565	106,340	2,662
British West Indies.....	2,867	800	.....
Canada.....	19,545	71,675	15,047
Chili.....	29,141	20,461	23,548
China.....	287,683	568,225	1,393,568
Colombia.....	6,212	4,288	4,642
Costa Rica.....	10,993	1,057	3,762
Cuba.....	.....	.....	948
Denmark.....	.....	.....	.....
Dutch East Indies.....	3,607	5,379	10,320
Ecuador.....	7,163	3,133	18,738
Egypt.....	.....	.....	.....
England.....	166,663	2,020	10,182
France.....	6,900	911	150
French East Indies.....	98	425	1,027
French Oceanica.....	41,281	27,025	20,477
Germany.....	11,621	14,820	13,447
German Oceanica.....	217	700	13,015
Guatemala.....	64,387	41,028	103,379
Honduras.....	11,018	18,646	30,696
Hongkong.....	72,261	102,947	139,732
Ireland.....	.....	.....	.....
Italy.....	30,300	.....	.....
Japan.....	899,803	527,970	1,140,212
Korea.....	7,619	9,334	12,704
Mexico.....	146,853	91,308	153,234
Miscellaneous.....	5,800	.....	70
Netherlands.....	.....	.....	.....
New Zealand.....	22,325	.....	.....
Nicaragua.....	23,519	32,656	35,172
Other Asia.....	.....	.....	.....
Other British Oceanica.....	199	75	918
Panama.....	8,130	25,030	20,328
Peru.....	26,545	12,581	65,681
Philippines.....	262,282	54,801	78,370
Russian China.....	.....	.....	.....
Salvador.....	37,873	13,536	41,521
Scotland.....	.....	.....	.....
Siam.....	.....	2,084	791
South Africa.....	890	1,562	1,045
Spain.....	.....	.....	1,008
Straits Settlements.....	1,319	3,483	8,403
Sweden.....	4,065	.....	.....
Total domestic.....	\$2,327,239	\$1,900,769	\$3,586,126
Foreign merchandise.....	95,772	22,543	48,168
To Atlantic States.....	227,347	251,984	204,817
To non-contiguous territory....	933,404	886,844	829,974
Total for month.....	\$3,583,762	\$3,062,140	\$4,669,085

EXPORTS BY MONTHS

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AUGUST—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 21,091	\$ 5,014	\$ 6,524
Australasia.....	82,521	152,994	313,402
Belgium.....	430	.....	.....
British Columbia.....	86,588	.....	113,648
British East Indies.....	7,264	927	2,702
British West Indies.....	1,127	69	.....
Canada.....	10,150	77,308	17,210
Chili.....	8,054	18,668	11,024
China.....	99,862	206,940	1,106,951
Colombia.....	3,227	2,845	1,047
Costa Rica.....	4,954	13,500	2,015
Cuba.....	.....	.....	840
Denmark.....	.....	.....	.....
Dutch East Indies.....	2,417	1,590	5,936
Ecuador.....	2,522	17,374	22,591
Egypt.....	.....	.....	.....
England.....	123,546	191,148	292,275
France.....	19,800	200	.....
French East Indies.....	350	.....	.....
French Oceanica.....	40,188	29,347	44,262
Germany.....	12,984	2,017	5,654
German Oceanica.....	8,630	6,018	6,562
Guatemala.....	27,492	62,948	112,800
Honduras.....	2,600	3,496	5,319
Hongkong.....	169,432	103,104	211,664
Ireland.....	.....	.....	62,785
Italy.....	775	.....	.....
Japan.....	518,579	373,802	1,036,000
Korea.....	10,431	3,037	14,404
Mexico.....	136,739	113,489	122,287
Miscellaneous.....	200	99,294	.....
Netherlands.....	.....	2,000	.....
New Zealand.....	45,663	.....	.....
Nicaragua.....	4,337	15,695	37,397
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,683	1,278	539
Panama.....	20,725	25,325	23,479
Peru.....	7,058	6,864	40,350
Philippines.....	116,022	76,715	56,271
Russian China.....	.....	.....	.....
Salvador.....	24,440	20,905	28,873
Scotland.....	.....	.....	.....
Siam.....	172	1,068	3,598
South Africa.....	1,505	916	1,383
Spain.....	.....	.....	.....
Straits Settlements.....	2,566	958	2,534
Sweden.....	.....	500	.....
Total domestic.....	\$1,625,924	\$1,637,363	\$3,713,026
Foreign merchandise.....	38,225	31,694	57,340
To Atlantic States.....	249,335	307,418	512,013
To non-contiguous territory....	1,217,851	931,933	1,172,686
Total for month.....	\$3,131,335	\$2,908,408	\$5,455,065

EXPORTS BY MONTHS

SEPTEMBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 13,081	\$ 56,049	\$ 161,378
Australasia.....	122,175	115,151	251,329
Belgium.....	.....	.....	155,304
British Columbia.....	93,588	60,935	74,228
British East Indies.....	2,146	90,345	4,540
British West Indies.....	.....	1,182	7,642
Canada.....	4,029	9,007	13,818
Chili.....	16,577	22,091	30,805
China.....	168,415	559,828	685,819
Colombia.....	2,835	2,614	7,454
Costa Rica.....	10,820	13,192	16,739
Cuba.....	.....	.....	5,200
Denmark.....	.....	.....	.....
Dutch East Indies.....	4,846	3,028	3,902
Ecuador.....	1,416	4,281	9,458
Egypt.....	.....	.....	.....
England.....	736,190	792,230	894,676
France.....	500	.....	.....
French East Indies.....	.....	.....	320
French Oceanica.....	25,454	26,364	41,117
Germany.....	15,507	4,514	21,127
German Oceanica.....	6,115	1,795	8,940
Guatemala.....	39,968	63,300	119,633
Honduras.....	7,110	4,325	20,970
Hongkong.....	87,628	140,311	185,211
Ireland.....	.....	.....	.....
Italy.....	.....	.....	.....
Japan.....	240,829	896,572	979,328
Korea.....	8,555	24,273	15,108
Mexico.....	89,303	68,675	91,181
Miscellaneous.....	.....	84,477	.....
Netherlands.....	.....	.....	1,472
New Zealand.....	65,110	.....	.....
Nicaragua.....	29,225	31,538	43,659
Other Asia.....	.....	.....	.....
Other British Oceanica.....	1,344	521	7,348
Panama.....	21,403	22,340	39,208
Peru.....	48,751	59,595	16,878
Philippines.....	139,074	122,964	203,433
Russian China.....	.....	.....	.....
Salvador.....	26,802	28,737	51,909
Scotland.....	106,505	.....	63,095
Siam.....	820	375	2,835
South Africa.....	.....	192	2,829
Spain.....	.....	.....	.....
Straits Settlements.....	3,005	1,561	2,608
Sweden.....	.....	.....	.....
Total domestic.....	\$2,139,126	\$3,313,162	\$4,240,501
Foreign merchandise.....	31,935	84,756	111,128
To Atlantic States.....	226,369	302,196	563,482
To non-contiguous territory....	870,917	1,050,833	905,362
Total for month.....	\$3,268,347	\$4,750,947	\$5,820,473

EXPORTS BY MONTHS

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OCTOBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 2,524	\$ 33,811	\$ 55,150
Australasia.....	299,673	343,205	306,178
Belgium.....	.....	168,322	73,700
British Columbia.....	85,201	74,003	87,718
British East Indies.....	13,653	2,431	3,789
British West Indies.....	7,323	3,647	6,170
Canada.....	.....	2,776	7,040
Chili.....	27,005	19,404	48,391
China.....	396,715	414,092	358,165
Colombia.....	8,797	1,906	16,816
Costa Rica.....	4,035	5,222	13,264
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	7,320	5,079	5,789
Ecuador.....	12,618	18,182	47,863
Egypt.....	.....	.....	200
England.....	969,641	539,860	1,363,711
France.....	22,512	14,929	5,053
French East Indies.....	626	.....	278
French Oceanica.....	19,232	25,319	34,182
Germany.....	28,944	17,321	7,619
German Oceanica.....	193	5,804	1,487
Guatemala.....	40,628	44,650	71,379
Honduras.....	4,763	4,928	13,060
Hongkong.....	110,750	106,660	173,502
Ireland.....	.....	.....	83,820
Italy.....	.....	.....	.....
Japan.....	554,824	1,371,052	830,688
Korea.....	9,607	14,442	22,821
Mexico.....	128,673	124,246	163,264
Miscellaneous.....	21,337	184,738	.....
Netherlands.....	1,225	1,675	.....
New Zealand.....	150,749	.....	.....
Nicaragua.....	7,547	24,744	37,073
Other Asia.....	.....	.....	.....
Other British Oceanica.....	379	2,127	112
Panama.....	13,127	13,896	18,435
Peru.....	32,238	55,766	27,909
Philippines.....	273,842	81,364	113,398
Russian China.....	.....	.....	.....
Salvador.....	25,635	23,595	40,997
Scotland.....	.....	148,350	.....
Siam.....	152	110	1,310
South Africa.....	1,119	80	704
Spain.....	.....	.....	.....
Straits Settlements.....	6,400	7,605	5,711
Sweden.....	.....	.....	.....
Total domestic.....	\$3,289,007	\$3,905,441	\$4,046,746
Foreign merchandise.....	42,138	40,988	104,201
To Atlantic States.....	376,400	541,325	136,952
To non-contiguous territory....	1,068,792	831,789	848,538
Total for month.....	\$4,776,337	\$5,319,543	\$5,136,437

EXPORTS BY MONTHS

NOVEMBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea during this month for the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 15,054	\$ 831	\$ 45,606
Australasia.....	142,379	171,950	492,995
Belgium.....	113,364	300	91,814
British Columbia.....	6,119	127,688	8,374
British East Indies.....	6,042	89,639	2,252
British West Indies.....	3,028	1,637	10,303
Canada.....	134,835	17,361	15,250
Chile.....	33,937	17,517	943,764
China.....	3,364	89,565	3,109
Colombia.....	7,522	2,854	5,129
Costa Rica.....	5,391	10,320	4,737
Cuba.....	7,805	3,320	4,340
Denmark.....	751,132	7,055	306,857
Dutch East Indies.....	9,370	710,548	210
Ecuador.....	22,515	400	39,244
Egypt.....	15,460	23,291	2,340
England.....	598	10,203	5,800
French East Indies.....	47,630	2,091	70,823
French Oceanica.....	20,157	48,558	4,587
Germany.....	99,621	3,188	241,979
German Oceanica.....	110,380	111,811	7,361
Guatemala.....	508,558	79,375	400
Honduras.....	4,139	820	1,432,226
Hongkong.....	150,225	947,043	3,689
Ireland.....	100	6,791	154,309
Italy.....	1,603	124,398	1,458
Japan.....	59,042	158,592	20,99
Korea.....	22,901	975	1,0
Mexico.....	8,393	25,778	10,
Miscellaneous.....	53,700	1,223	3,
Netherlands.....	290,002	9,529	154
New Zealand.....	21,384	38,556	28
Nicaragua.....	500	126,728	.....
Other Asia.....	877	46,291	.....
Other British Oceanica.....	.....	47,786	.....
Panama.....	.....	75,753	.....
Peru.....	.....	183	.....
Philippines.....	.....	.....	.....
Russian China.....	.....	.....	.....
Salvador.....	.....	.....	.....
Scotland.....	.....	.....	.....
Siam.....	.....	.....	.....
South Africa.....	.....	.....	.....
Spain.....	.....	.....	.....
Straits Settlements.....	.....	.....	.....
Sweden.....	.....	.....	.....
Total domestic.....	\$2,677,127	\$3,144,193	\$4
Foreign merchandise.....	26,162	20,250	.....
To Atlantic States.....	252,318	379,104	.....
To non-contiguous territory.....	759,177	1,211,891
Total for month.....	\$3,714,784	\$4,755,438

EXPORTS BY MONTHS

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DECEMBER—The shipments of Domestic and Foreign Merchandise from San Francisco by sea for this month during the last three years were as follows:

	1907	1906	1905
Asiatic Russia.....	\$ 12,389	\$ 468	.....
Australasia.....	122,655	273,107	\$ 338,455
Belgium.....	14,000	.....	.....
British Columbia.....	.....	131,389	69,164
British East Indies.....	1,737	1,250	3,140
British West Indies.....	7,023	2,673	2,147
Canada.....	55,481	10,451	2,191
Chili.....	83,158	39,519	38,688
China.....	168,652	278,566	103,540
Colombia.....	10,325	2,319	3,897
Costa Rica.....	12,863	10,873	9,817
Cuba.....	.....	.....	.....
Denmark.....	.....	.....	.....
Dutch East Indies.....	9,909	2,677	6,161
Ecuador.....	16,922	16,305	21,712
Egypt.....	.....	.....	.....
England.....	790,203	1,117,468	414,810
France.....	10,270	.....	975
French East Indies.....	455	.....	4,297
French Oceanica.....	38,604	30,179	33,264
Germany.....	3,454	147,364	11,800
German Oceanica.....	4,739	12,728	6,628
Guatemala.....	45,425	57,551	117,864
Honduras.....	9,056	4,192	21,414
Hongkong.....	253,336	112,552	377,338
Ireland.....	.....	.....	.....
Italy.....	.....	.....	.....
Japan.....	953,832	1,315,437	1,178,883
Korea.....	2,608	3,096	4,209
Mexico.....	146,896	98,235	219,489
Miscellaneous.....	2,582	156,104	.....
Netherlands.....	.....	.....	1,245
New Zealand.....	72,917	.....	.....
Nicaragua.....	20,797	18,372	28,833
Other Asia.....	.....	.....	.....
Other British Oceanica.....	624	656	498
Panama.....	42,751	38,826	28,757
Peru.....	2,049	5,214	37,066
Philippines.....	403,177	153,951	73,814
Russian China.....	.....	.....	.....
Salvador.....	37,681	42,192	65,487
Scotland.....	.....	76,075	.....
Siam.....	117	.....	431
South Africa.....	.....	1,047	.....
Spain.....	.....	.....	.....
Straits Settlements.....	1,439	3,101	4,758
Sweden.....	.....	.....	.....
Total domestic.....	\$3,338,123	\$4,163,937	\$4,230,772
Foreign merchandise.....	24,951	27,342	29,905
To Atlantic States.....	248,946	320,840	320,840
To non-contiguous territory....	1,025,815	793,378	1,216,920
Total for month.....	\$4,637,835	\$5,315,497	\$5,798,437

IMPORTS OF FOREIGN MERCHANDISE

The values of Foreign merchandise imported at San Francisco by sea and rail during the last four years were as follows:

	1907	1906	1905	1904
Belgium.....	\$ 599,283	\$ 694,042	\$ 342,321	\$ 608,599
France.....	2,204,560	1,621,102	1,736,998	1,520,648
Germany.....	2,221,928	2,005,846	1,670,588	1,712,915
Greece.....	38,852	9,762	24,077	22,404
Italy.....	829,983	731,743	573,571	583,511
Netherlands.....	242,302	187,611	100,020	140,397
Spain.....	117,853	89,008	67,921	47,112
Sweden.....	136,703	162,891	85,310	94,527
Turkey.....	5,238	40,872	23,380	8,520
England.....	2,817,323	2,047,667	1,638,342	1,736,137
Scotland.....	247,558	217,618	396,925	311,489
Ireland.....	26,317	92,459	71,159	120,180
Canada.....	24,711	23,958	21,225	38,251
British Columbia.....	1,155,355	1,550,182	1,625,427	1,679,697
Costa Rica.....	227,587	87,938	340,402	85,983
Guatemala.....	2,975,824	2,000,119	2,231,948	1,995,448
Nicaragua.....	123,884	45,523	57,280	42,638
Salvador.....	1,093,855	1,110,458	768,714	949,136
Mexico.....	520,257	452,503	5,726	574,537
British West Indies.....	31,296	14,613	433,292	29,375
Cuba.....	348,814	632,876	13,489	339,825
Brazil.....	5,096	26,566	1,194,544	9,767
Chili.....	1,710,585	1,141,881	202,580	1,246,845
Ecuador.....	238,353	264,728	7,206,074	409,193
China.....	7,902,933	6,600,205	1,392,795	7,620,053
British India.....	2,529,176	2,176,637		1,124,265
Other British India.....	151,555			
Japan.....	20,956,987	19,749,963	17,529,207	16,770,190
Australasia.....	1,388,864	1,007,895	1,048,938	943,305
French Oceania.....	455,046	350,542	447,513	383,881
Philippines.....	830,979	925,689	574,097	600,372
Honduras.....	365			20
Austria.....	90,401	41,715	57,601	55,41
Switzerland.....	165,020	120,513	130,175	107,9
Peru.....	80,722	448,920	110,343	96,1
Egypt.....	1,622	797	2,071	
Colombia.....	200	725		
British Oceania.....	29,000	21,100	81,278	
Portugal.....	10,829	3,684	3,421	
German Oceania.....	220	87	26,360	
Dutch East Indies.....	334,233	1,280,910	250,540	
Asiatic Russia.....			123,598	
Panama.....			7,604	
Straits Settlements.....			784,774	
Norway.....			21,147	
French Africa.....				
Aden.....				
Miscellaneous.....				
Total.....	\$54,207,011	\$49,192,378	\$44,249,211	\$

The custom house classification of the imports during the last two years were as follows:

Months	1907		1906	
	Free	Dutiable	Free	Dutiable
January.....	\$ 3,256,847	\$ 1,564,229	\$ 2,021,135	\$ 1,383,443
February.....	3,486,509	1,923,890	2,835,237	1,265,956
March.....	2,198,939	1,610,088	3,258,375	1,625,846
April.....	4,411,739	1,817,319	2,128,305	876,755
May.....	1,940,328	2,511,947	2,460,636	1,579,068
June.....	1,421,776	1,396,320	1,609,621	1,540,362
July.....	3,223,358	2,204,759	1,383,342	1,429,395
August.....	2,938,153	1,517,857	1,599,477	2,240,070
September.....	3,364,329	1,142,067	2,710,702	1,814,790
October.....	3,067,379	1,466,410	3,232,407	1,959,647
November.....	2,430,201	1,286,315	4,037,550	1,464,389
December.....	2,353,434	1,672,818	2,424,607	2,311,263
Totals.....	\$34,092,992	\$20,114,019	\$29,701,394	\$19,490,984

The disposition of the imports received during the last two years, as entered at the custom house was as follows:

Months	1907		1906	
	Immediate Use	For Warehouse	Immediate Use	For Warehouse
January.....	\$ 4,518,606	\$ 302,470	\$ 3,052,765	\$ 351,813
February.....	4,798,303	612,096	3,791,253	309,940
March.....	3,505,371	303,656	4,411,691	472,530
April.....	5,748,205	480,853	2,803,584	201,476
May.....	3,507,843	944,432	3,518,576	521,128
June.....	2,533,363	284,733	2,637,785	512,198
July.....	4,682,234	745,883	2,596,380	216,357
August.....	3,986,355	469,655	3,278,625	560,922
September.....	4,355,635	150,761	4,217,699	307,793
October.....	4,274,587	259,202	4,752,488	439,566
November.....	3,186,203	530,313	5,282,067	219,872
December.....	3,454,741	571,511	4,160,558	575,312
Totals.....	\$48,551,446	\$5,655,565	\$44,503,471	\$4,688,907

IMPORTS OF FOREIGN MERCHANDISE

The imports of merchandise at San Francisco during each month of the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 4,821,076	\$ 3,404,578	\$ 4,540,755	\$ 3,050,827
February.....	5,410,399	4,101,193	2,845,302	4,450,145
March.....	3,809,027	4,884,221	3,673,754	3,255,618
April.....	6,229,058	3,005,060	3,521,488	2,492,496
May.....	4,452,275	4,039,704	4,219,979	3,009,408
June.....	2,818,096	3,149,983	3,599,401	2,867,723
July.....	5,428,117	2,812,737	2,397,459	3,198,694
August.....	4,456,010	3,839,547	4,002,531	3,196,903
September.....	4,506,396	4,525,492	5,156,396	3,447,044
October.....	4,533,789	5,192,054	3,557,388	5,716,494
November.....	3,716,516	5,501,939	2,893,247	4,831,528
December.....	4,026,252	4,735,870	3,841,511	3,893,100
Totals.....	\$54,207,011	\$49,192,378	\$44,249,211	\$43,409,980

The method of receiving these importations during 1906 and 1907 is shown as follows:

Months	1907		1906	
	By Sea	By Rail	By Sea	By Rail
January.....	\$ 4,486,414	\$ 334,662	\$ 2,980,210	\$ 424,368
February.....	4,819,003	591,396	3,794,939	306,254
March.....	3,337,928	471,099	4,465,350	418,871
April.....	5,863,882	365,176	2,745,230	259,830
May.....	3,865,688	586,587	3,691,804	347,900
June.....	2,426,345	391,751	2,916,207	233,776
July.....	5,023,167	404,950	2,530,538	282,199
August.....	3,929,761	526,249	3,440,433	399,114
September.....	4,144,380	362,016	4,222,640	302,852
October.....	4,066,672	467,117	4,620,366	571,688
November.....	3,376,997	339,519	5,052,336	449,600
December.....	3,575,047	451,205	4,196,967	538,900
Totals.....	\$48,915,284	\$5,291,727	\$44,657,020	\$4,535,200

IMPORTS BY MONTHS

JANUARY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	\$ 5,000	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	92,496	\$ 62,019	\$ 104,937
Austria.....	2,302	2,966	7,887
Belgium.....	116,587	29,280	58,015
British Columbia.....	112,272	129,743	126,130
British West Indies.....	979	.....	321
British India.....	149,533	160,082	33,859
Brazil.....	.....	.....	.....
Canada.....	531	104	.....
Chili.....	470	17,208	72,726
China.....	1,143,406	584,281	1,020,954
Costa Rica.....	2,975	.....	24,068
Cuba.....	30,993	41,869	31,038
Denmark.....	.....	.....	187
Dutch East Indies.....	20,966	6,678	.....
England.....	159,217	163,605	125,272
Egypt.....	.....	203	212
Ecuador.....	32,760	6,190	31,305
France.....	114,475	147,144	185,944
French Oceanica.....	31,638	42,361	42,352
Germany.....	140,169	166,678	96,211
German Oceanica.....	.....	.....	.....
Greece.....	.....	.....	903
Guatemala.....	249,884	99,447	178,545
Ireland.....	.....	12,992	11,096
Italy.....	81,081	42,184	62,517
Japan.....	1,792,097	1,460,202	1,855,725
Mexico.....	68,627	26,784	61,122
Miscellaneous.....	996	2,468	.....
Netherlands.....	16,583	16,944	18,211
Nicaragua.....	6,334	138	1,351
Norway.....	1,978	5,857	955
Other British East Indies.....	15,573	14,238	9,658
Otner British Oceanica.....	.....	21,100	22,541
Panama.....	550	.....	1,345
Peru.....	.....	227	1,503
Philippines.....	143,249	358	91,513
Portugal.....	.....	.....	.....
Salvador.....	98,712	74,775	178,367
Scotland.....	28,640	18,317	17,465
Straits Settlements.....	128,806	10,352	38,335
Siam.....	.....	3,148	.....
Spain.....	12,449	11,935	4,556
Sweden.....	715	4,940	10,359
Switzerland.....	17,825	13,767	13,270
Turkey.....	.....	3,994	.....
Total for month.....	\$4,821,076	\$3,404,578	\$4,540,755

FEBRUARY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	.....	\$ 7,531	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 112,986	54,943	\$ 22,693
Austria.....	3,710	4,078	5,457
Belgium.....	91,301	83,674	31,487
British Columbia.....	87,025	214,522	153,020
British West Indies.....	874	664	.....
British India.....	125,299	89,055	2,890
Brazil.....	5,096	.....	.....
Canada.....	20	2,691	4,602
Chili.....	145,680	1,045	28,552
China.....	970,387	450,481	332,779
Costa Rica.....	11,441	22,860	39,848
Cuba.....	30,840	36,464	29,501
Denmark.....	2,310	.....	.....
Dutch East Indies.....	38,664	19,879	9,919
England.....	174,262	68,744	147,789
Egypt.....	290	.....	.....
Ecuador.....	11,248	4,236	6,501
France.....	187,412	139,362	128,521
French Oceanica.....	12,302	207	1,772
Germany.....	317,557	78,873	127,139
German Oceanica.....	.....	.....	3,983
Greece.....	1,570	232	.....
Guatemala.....	523,491	359,858	92,014
Ireland.....	1,119	2,623	5,620
Italy.....	92,965	31,398	34,314
Japan.....	1,875,962	777,629	1,385,507
Mexico.....	59,524	55,201	47,360
Miscellaneous.....	847	.....	.....
Netherlands.....	14,263	16,273	13,021
Nicaragua.....	14,026	1,440	177
Norway.....	8,277	2,854	1,458
Other British East Indies.....	6,946	11,097	7,181
Other British Oceanica.....	.....	.....	.....
Panama.....	.....	.....	.....
Peru.....	46,442	67,390	3,750
Philippines.....	20,107	109,954	796
Portugal.....	.....	1,382	.....
Salvador.....	236,107	205,575	119,930
Scotland.....	13,284	39,473	113,915
Straits Settlements.....	118,993	123,838	29,836
Siam.....	.....	.....	.....
Spain.....	3,264	1,768	3,896
Sweden.....	28,586	1,523	9,732
Switzerland.....	24,970	12,376	342
Turkey.....	952
Total for month.....	\$5,410,399	\$4,101,193	\$2,845,302

IMPORTS BY MONTHS

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MARCH—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	\$ 8,644	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	83,894	\$ 147,984	\$ 166,237
Austria.....	8,734	1,844	964
Belgium.....	32,782	48,862	34,757
British Columbia.....	133,788	163,767	160,537
British West Indies.....	.....	2,651	1,236
British India.....	116,264	94,699	69,188
Brazil.....	.....	.....	.....
Canada.....	1,256	2,351	.....
Chili.....	.....	121,525	120,682
China.....	446,064	372,399	604,231
Costa Rica.....	.....	26,923	128,758
Cuba.....	42,861	70,660	31,700
Denmark.....	367	.....	171
Dutch East Indies.....	17,718	.....	2,213
England.....	311,800	334,115	137,892
Egypt.....	.....	.....	176
Ecuador.....	.....	16,249	10,478
France.....	175,149	119,580	125,917
French Oceanica.....	25,981	24,423	60,671
Germany.....	222,505	219,718	90,267
German Oceanica.....	220	.....	.....
Greece.....	2,596	.....	.....
Guatemala.....	31,516	390,153	264,290
Ireland.....	3,531	9,001	7,018
Italy.....	42,760	60,549	58,402
Japan.....	1,644,794	2,012,074	1,140,478
Mexico.....	33,795	47,383	51,714
Miscellaneous.....	.....	.....	.....
Netherlands.....	8,080	11,406	9,830
Nicaragua.....	10,733	2,909	7,517
Norway.....	4,506	827	925
Other British East Indies.....	10,700	13,131	3,721
Other British Oceanica.....	29,000	.....	.....
Panama.....	799	640	207
Peru.....	.....	80,828	.....
Philippines.....	5,207	12,157	803
Portugal.....	.....	.....	.....
Salvador.....	27,270	302,724	140,446
Scotland.....	22,401	18,438	13,662
Straits Settlements.....	269,235	106,623	203,421
Siam.....	.....	7,378	.....
Spain.....	8,209	.....	3,122
Sweden.....	22,227	27,601	14,334
Switzerland.....	3,641	12,649	7,699
Turkey.....	.....	.....	.....
Total for month.....	\$3,809,027	\$4,884,221	\$3,673,754

IMPORTS BY MONTHS

APRIL—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	.....	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 173,876	\$ 83,705	\$ 101,813
Austria.....	2,342	2,394	1,937
Belgium.....	88,144	1,260	13,410
British Columbia.....	104,739	106,633	139,938
British West Indies.....	.....	.....	142
British India.....	275,690	223,889	204,821
Brazil.....	.....	5,820	.....
Canada.....	75	8,791	4,828
Chili.....	243,643	107,340	10,150
China.....	819,661	600,310	291,112
Costa Rica.....	128,642	4,064	92,461
Cuba.....	24,167	31,073	41,124
Denmark.....	.....	.....	1,148
Dutch East Indies.....	136,326	7,807	.....
England.....	443,289	37,563	104,170
Egypt.....	.....	391	.....
Ecuador.....	15,929	249	2,198
France.....	152,530	81,138	107,640
French Oceanica.....	44,731	24,469	28,673
Germany.....	120,328	65,637	76,762
German Oceanica.....	.....	.....	.....
Greece.....	.....	.....	.....
Guatemala.....	1,026,924	171,402	382,675
Ireland.....	3,030	6,842	9,974
Italy.....	111,238	34,177	54,215
Japan.....	1,626,447	1,114,635	1,421,074
Mexico.....	83,828	16,231	122,699
Miscellaneous.....	.....	.....	.....
Netherlands.....	11,708	3,761	10,688
Nicaragua.....	10,251	660	3,171
Norway.....	1,608	1,486	.....
Other British East Indies.....	19,048	19,748	8,177
Other British Oceanica.....	.....	.....	.....
Panama.....	1,023	1,500	.....
Peru.....	200	.....	1,967
Philippines.....	739	311	27,689
Portugal.....	1,527	.....	1,306
Salvador.....	399,584	34,856	186,379
Scotland.....	15,513	9,590	14,881
Straits Settlements.....	112,729	179,030	31,791
Siam.....	605	10,056	3,325
Spain.....	21,425	.....	6,834
Sweden.....	7,778	3,001	1,638
Switzerland.....	9,213	5,241	10,673
Turkey.....	528
Total for month.....	\$6,229,058	\$3,005,060	\$3,521,488

IMPORTS BY MONTHS

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MAY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	.....	.....	\$ 2,667
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 93,037	\$ 113,241	107,318
Austria.....	10,252	2,155	3,711
Belgium.....	56,832	42,649	26,365
British Columbia.....	110,933	124,612	134,025
British West Indies.....	1,140	1,001	596
British India.....	724,013	507,584	342,972
Brazil.....	.....	.....	2,507
Canada.....	4,083	.....	165
Chili.....	508,130	102,378	47,549
China.....	648,097	270,812	801,782
Costa Rica.....	19,582	24,899	20,856
Cuba.....	32,922	53,845	49,842
Denmark.....	2,238	.....	106
Dutch East Indies.....	8,585	102,891	.....
England.....	306,835	126,242	101,416
Egypt.....	203	203	.....
Ecuador.....	7,587	33,193	14,836
France.....	228,050	147,928	127,334
French Oceanica.....	35,993	41,376	50,606
Germany.....	175,882	154,292	93,127
German Oceanica.....	.....	.....	22,377
Greece.....	1,211	.....	117
Guatemala.....	310,774	328,543	278,466
Ireland.....	978	3,204	4,121
Italy.....	64,616	54,553	36,899
Japan.....	648,353	1,229,072	1,551,946
Mexico.....	56,694	57,673	68,711
Miscellaneous.....	.....	.....	.....
Netherlands.....	68,154	33,790	17,829
Nicaragua.....	11,182	6,005	13,103
Norway.....	.....	403	2,262
Other British East Indies.....	7,026	6,558	10,887
Other British Oceanica.....	.....	.....	.....
Panama.....	983	.....	.....
Peru.....	.....	9,820	.....
Philippines.....	121,865	73,283	74,538
Portugal.....	410	.....	.....
Salvador.....	94,671	245,513	97,538
Scotland.....	18,166	17,498	21,344
Straits Settlements.....	47,660	101,533	75,258
Siam.....	.....	10,404	.....
Spain.....	7,016	.....	7,178
Sweden.....	7,529	4,458	2,912
Switzerland.....	10,593	7,554	6,713
Turkey.....	.....	539	.....
Total for month.....	\$4,452,275	\$4,039,704	\$4,219,979

IMPORTS BY MONTHS

JUNE—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	\$ 2,470	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	111,441	\$ 60,767	\$ 71,615
Austria.....	7,592	778	1,899
Belgium.....	51,637	22,197	14,618
British Columbia.....	77,879	109,019	123,625
British West Indies.....	5,856	.....	603
British India.....	300,704	339,467	233,863
Brazil.....	.....	.....	2,873
Canada.....	1,275	3,358	4,709
Chili.....	.....	115,279	23,350
China.....	336,857	406,780	433,392
C sta Rica.....	26,226	3,180	14,607
Cuba.....	26,581	54,680	46,758
Denmark.....	1,323	2,698	.....
Dutch East Indies.....	3,473	14,500	139,371
England.....	140,140	65,815	86,732
Egypt.....	203	.....	837
Ecuador.....	.....	2,136	20,853
France.....	147,251	55,921	140,611
French Oceanica.....	77,866	34,710	27,169
Germany.....	108,716	118,659	147,713
German Oceanica.....	.....	.....	.....
Greece.....	.....	.....	917
Guatemala.....	194,087	266,424	166,229
Ireland.....	2,941	730	1,273
Italy.....	81,800	38,435	27,285
Japan.....	606,781	810,351	1,314,139
Mexico.....	65,007	70,087	121,543
Miscellaneous.....	.....	.....	.....
Netherlands.....	16,539	7,263	147,827
Nicaragua.....	17,151	4,774	10,817
Norway.....	5,374	.....	235
Other British East Indies.....	4,408	12,228	.....
Other British Oceanica.....	.....	.....	.....
Panama.....	3,225	.....	3,284
Peru.....	.....	1,771	.....
Philippines.....	140,714	259,925	133,374
Portugal.....	.....	498	.....
Salvador.....	102,067	125,898	18,940
Scotland.....	22,198	6,444	10,076
Straits Settlements.....	101,034	93,217	73,448
Siam.....	.....	.....	.....
Spain.....	7,973	9,376	5,932
Sweden.....	3,979	27,266	9,774
Switzerland.....	15,328	5,342	13,012
Turkey.....	6,098
Total for month.....	\$2,818,096	\$3,149,983	\$3,599,401

IMPORTS BY MONTHS

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LY—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
.....	\$ 5,225	.....	.....
From Russia.....	.....	.....	\$ 123,598
From Asia.....	58,942	\$ 57,902	77,952
From Australia.....	7,506	2,026	2,954
From Mexico.....	34,460	26,904	45,544
From Columbia.....	84,939	118,732	79,048
From West Indies.....	.....	3,831	1,755
From India.....	359,556	355,122	83,021
From China.....	.....	.....	.....
From Japan.....	339	232	.....
From Europe.....	58,496	82,157	110,892
From South America.....	618,599	308,853	378,669
From Central America.....	29,140	.....	16,253
From Africa.....	5,061	30,962	29,991
From Asia.....	.....	.....	.....
From East Indies.....	8,562	8,790	6,356
From Oceania.....	413,438	77,141	44,599
From Europe.....	84	.....	.....
From Asia.....	111,372	11,479	32,640
From Oceania.....	292,848	80,714	102,113
From Oceania.....	.....	75	14,015
From Oceania.....	190,858	93,985	140,494
From Oceania.....	.....	.....	.....
From Oceania.....	1,643	.....	3,526
From Oceania.....	432,156	57,001	225,554
From Oceania.....	702	16,512	1,877
From Oceania.....	94,685	42,899	37,727
From Oceania.....	2,137,017	980,487	563,053
From Oceania.....	44,330	25,493	95,905
From Oceania.....	7,984	.....	.....
From Oceania.....	13,474	5,216	3,640
From Oceania.....	22,274	2,441	2,646
From Oceania.....	7,751	3,679	214
From British East Indies.....	13,210	11,757	7,806
From British Oceania.....	.....	.....	.....
From Oceania.....	1,445	.....	.....
From Oceania.....	25,915	40	.....
From Oceania.....	89,809	262,373	56,539
From Oceania.....	6,249	.....	.....
From Oceania.....	93,484	32,369	22,181
From Oceania.....	22,072	10,899	6,790
From Oceania.....	78,092	77,680	33,982
From Oceania.....	.....	.....	.....
From Oceania.....	31,341	3,750	6,821
From Oceania.....	952	.....	1,307
From Oceania.....	24,107	4,025	9,378
From Oceania.....	.....	17,211	.....
Total for month.....	\$5,428,117	\$2,812,737	\$2,397,459

AUGUST—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	.....	.....	\$ 2,375
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 80,666	\$ 115,488	101,275
Austria.....	7,407	1,507	5,854
Belgium.....	52,446	238,440	26,146
British Columbia.....	92,127	86,411	164,904
British West Indies.....	.....	.....	.....
British India.....	212,522	193,349	117,024
Brazil.....	.....	.....	.....
Canada.....	3,111	443	228
Chili.....	403,656	232,740	229,054
China.....	701,684	581,863	478,218
Costa Rica.....	6,320	3,283	.....
Cuba.....	19,268	45,351	19,572
Denmark.....	255	.....	.....
Dutch East Indies.....	.....	439,635	15,574
England.....	130,531	125,559	88,125
Egypt.....	.....	.....	228
Ecuador.....	4,440	37,551	110,567
France.....	270,256	165,581	114,452
French Oceanica.....	25,496	42,343	39,276
Germany.....	278,603	165,943	168,647
German Oceanica.....	.....	.....	.....
Greece.....	.....	.....	.....
Guatemala.....	101,717	102,987	368,256
Ireland.....	.....	9,418	913
Italy.....	61,647	59,824	56,783
Japan.....	1,804,808	901,753	1,695,926
Mexico.....	20,633	36,241	76,561
Miscellaneous.....	.....	.....	292
Netherlands.....	12,592	12,345	9,945
Nicaragua.....	1,237	3,661	8,747
Norway.....	5,283	6,105	1,491
Otner British East Indies.....	8,482	21,899	.....
Other British Oceanica.....	.....	.....	15,594
Panama.....	310	1,165	.....
Peru.....	.....	55,476	.....
Philippines.....	6,212	157	45,469
Portugal.....	2,194	.....	.....
Salvador.....	16,127	29,399	3,233
Scotland.....	9,968	28,560	16,876
Straits Settlements.....	92,116	60,171	99,414
Siam.....	.....	.....	1,892
Spain.....	4,692	3,032	4,131
Sweden.....	5,675	13,658	4,609
Switzerland.....	13,429	18,209	10,980
Turkey.....
Total for month.....	\$4,456,010	\$3,839,547	\$4,002,531

IMPORTS BY MONTHS

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SEPTEMBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	\$ 2,841	.....	.....
Asiatic Russia.....	.....	.....	.....
Australasia.....	159,561	\$ 83,693	\$ 55,509
Austria.....	13,216	4,800	7,974
Belgium.....	3,400	2,545	35,159
British Columbia.....	126,775	107,631	101,008
British West Indies.....	.....	300	.....
British India.....	60,373	116,597	17,343
Brazil.....	.....	.....	.....
Canada.....	90	1,232	3,051
Chili.....	64,825	19,060	64,998
China.....	527,998	630,261	1,280,447
Costa Rica.....	2,504	.....	2,170
Cuba.....	23,063	35,824	23,046
Denmark.....	704	.....	.....
Dutch East Indies.....	13,085	193,102	27,888
England.....	66,890	335,227	242,619
Egypt.....	288	.....	203
Ecuador.....	4,139	.....	17,397
France.....	127,719	59,270	194,705
French Oceanica.....	39,252	32,485	31,204
Germany.....	171,951	273,241	196,930
German Oceanica.....	.....	.....	.....
Greece.....	2,008	.....	13,013
Guatemala.....	25,623	54,429	30,911
Ireland.....	1,551	5,277	9,580
Italy.....	38,539	103,619	30,443
Japan.....	2,723,622	2,040,705	2,566,632
Mexico.....	15,516	15,888	24,024
Miscellaneous.....	175	2,588	.....
Netherlands.....	12,535	23,791	24,492
Nicaragua.....	8,132	9,129	1,583
Norway.....	4,628	1,105	3,894
Other British East Indies.....	16,790	7,335	10,921
Other British Oceanica.....	.....	.....	.....
Panama.....	190	.....	2,027
Peru.....	2,351	.....	.....
Philippines.....	93,990	163,648	318
Portugal.....	.....	556	.....
Salvador.....	16,948	15,611	.....
Scotland.....	52,365	27,955	22,630
Straits Settlements.....	61,035	36,059	84,501
Siam.....	.....	.....	.....
Spain.....	4,240	3,675	6,553
Sweden.....	1,062	341	7,089
Switzerland.....	16,422	5,752	14,208
Turkey.....	.....	3,898	1,926
Total for month.....	\$4,506,396	\$4,525,492	\$5,156,196

OCTOBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	.....	.....	\$ 4,358
Asiatic Russia.....	.....	.....	.....
Australasia.....	\$ 165,037	\$ 81,987	78,594
Austria.....	10,124	6,175	9,155
Belgium.....	34,925	84,076	904
British Columbia.....	63,336	128,639	106,761
British West Indies.....	.....	932	367
British India.....	62,292	9,934	6,577
Brazil.....	.....	.....	.....
Canada.....	11,609	258	147
Chili.....	59,762	113,680	302,803
China.....	258,629	839,871	587,631
Costa Rica.....	.....	84	.....
Cuba.....	47,868	159,557	61,941
Denmark.....	2,413	1,324	.....
Dutch East Indies.....	84,505	210,324	25,190
England.....	233,706	269,531	140,716
Egypt.....	173	.....	.....
Ecuador.....	21,194	79,006	27,714
France.....	163,188	152,423	152,552
French Oceanica.....	46,882	24,696	42,956
Germany.....	162,374	199,368	223,230
German Oceanica.....	.....	87	.....
Greece.....	12,522	.....	714
Guatemala.....	14,830	29,079	183,172
Ireland.....	4,036	7,039	3,512
Italy.....	71,711	78,522	54,386
Japan.....	2,648,668	2,538,777	1,292,482
Mexico.....	19,763	34,205	33,989
Miscellaneous.....	365	1,348	.....
Netherlands.....	7,879	8,393	16,236
Nicaragua.....	9,107	7,300	3,592
Norway.....	6,743	.....	2,197
Other British East Indies.....	20,766	10,101	10,763
Other British Oceanica.....	.....	.....	30,000
Panama.....	1,358	.....	651
Peru.....	5,194	14,600	907
Philippines.....	188,303	149	45,245
Portugal.....	220	1,248	.....
Salvador.....	4,961	19,894	20,544
Scotland.....	5,382	20,180	14,423
Straits Settlements.....	42,373	22,993	36,408
Siam.....	.....	.....	.....
Spain.....	3,219	7,910	6,060
Sweden.....	23,232	2,096	11,731
Switzerland.....	13,302	11,959	18,780
Turkey.....	1,838	14,309	.....
Total for month.....	\$4,533,789	\$5,192,054	\$3,557,388

NOVEMBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	\$ 1,258	.....	\$ 2,626
Asiatic Russia.....	.....	.....	.....
Australasia.....	121,694	\$ 52,340	67,440
Austria.....	11,175	5,355	3,684
Belgium.....	21,659	76,731	9,136
British Columbia.....	61,875	96,049	144,433
British West Indies.....	7,621	1,007	448
British India.....	9,674	41,457	111,020
Brazil.....	.....	5,252	.....
Canada.....	1,153	3,040	1,575
Chili.....	176,903	171,981	183,788
China.....	605,292	640,054	618,836
Costa Rica.....	200	.....	1,381
Cuba.....	26,723	33,496	43,401
Denmark.....	6,970	.....	.....
Dutch East Indies.....	2,349	17,335	.....
England.....	246,870	93,264	143,251
Egypt.....	.....	.....	415
Ecuador.....	12,147	6,083	8,412
France.....	136,724	225,047	166,851
French Oceanica.....	.....	40,544	51,634
Germany.....	148,368	196,012	107,452
German Oceanica.....	54,071	.....	.....
Greece.....	12,448	4,052	2,939
Guatemala.....	18,712	16,725	19,571
Ireland.....	5,045	.....	1,739
Italy.....	48,109	54,514	46,862
Japan.....	1,795,392	3,374,143	956,902
Mexico.....	13,543	32,743	23,416
Miscellaneous.....	4,407	725	.....
Netherlands.....	11,573	21,957	19,452
Nicaragua.....	2,580	1,645	1,216
Norway.....	12,076	7,599	3,122
Other British East Indies.....	17,261	10,081	7,266
Other British Oceanica.....	.....	.....	.....
Panama.....	1,781	.....	.....
Peru.....	.....	126,467	20,554
Philippines.....	8,253	2,556	50,498
Portugal.....	229	.....	.....
Salvador.....	25	3,499	98
Scotland.....	16,166	.....	115,832
Straits Settlements.....	59,964	47,991	31,445
Siam.....	.....	.....	.....
Spain.....	8,823	9,099	7,760
Sweden.....	15,569	72,851	2,067
Switzerland.....	9,914	10,245	15,953
Turkey.....	1,920	.....	772
Total for month.....	\$3,716,516	\$5,501,939	\$2,893,247

DECEMBER—The imports of merchandise from Foreign countries at San Francisco by sea during this month for the last three years were as follows:

From	1907	1906	1905
Aden.....	\$ 2,710	.....	\$ 2,881
Asiatic Russia.....	.....	.....	.....
Australasia.....	135,294	\$ 73,826	93,555
Austria.....	6,041	7,637	6,125
Belgium.....	15,110	37,424	46,880
British Columbia.....	99,667	164,424	191,998
British West Indies.....	14,826	4,227	258
British India.....	133,256	45,202	63,421
Brazil.....	.....	15,494	8,109
Canada.....	1,169	1,458	1,920
Chili.....	49,020	57,488	.....
China.....	826,259	914,240	378,018
Costa Rica.....	557	2,645	.....
Cuba.....	38,467	38,095	25,378
Denmark.....	.....	2,273	.....
Dutch East Indies.....	.....	259,969	24,029
England.....	190,345	350,861	275,761
Egypt.....	381	.....	.....
Ecuador.....	17,537	68,356	19,679
France.....	208,958	246,994	190,358
French Oceanica.....	60,834	42,853	57,185
Germany.....	184,617	273,440	202,616
German Oceanica.....	.....	.....	.....
Greece.....	4,854	5,478	1,948
Guatemala.....	46,110	124,069	42,265
Ireland.....	3,384	18,821	14,436
Italy.....	40,832	131,069	73,738
Japan.....	1,653,046	1,510,135	1,785,361
Mexico.....	38,997	34,574	41,670
Miscellaneous.....	22,958	17,848	.....
Netherlands.....	48,922	26,472	8,849
Nicaragua.....	10,877	5,421	3,360
Norway.....	10,122	1,072	1,394
Other British East Indies.....	11,345	10,264	14,822
Other British Oceanica.....	.....	.....	.....
Panama.....	1,533	.....	.....
Peru.....	620	92,301	81,662
Philippines.....	12,531	40,818	47,315
Portugal.....	.....	.....	2,115
Salvador.....	3,899	20,345	16,852
Scotland.....	21,403	20,264	29,031
Straits Settlements.....	78,844	39,918	46,935
Siam.....	.....	.....	.....
Spain.....	5,202	10,624	5,078
Sweden.....	19,399	5,156	9,758
Switzerland.....	6,276	13,394	9,167
Turkey.....	.....	921	14,584
Total for month.....	\$4,026,252	\$4,735,870	\$3,841,511

EXPORT AND IMPORT SUMMARY

COMBINED EXPORT VALUES

The combined exports, treasure and merchandise, exclusive of merchandise by overland railroads, and treasure shipment by the United States Sub-Treasury during the past four years, were as follows:

Values	1907	1906	1905	1904
Merchandise.....	\$46,571,790	\$49,562,403	\$64,918,505	\$56,661,481
Treasure.....	4,381,794	12,958,354	16,341,213	15,148,744
Totals.....	\$50,953,584	\$62,520,757	\$81,259,718	\$71,810,225

COMBINED VALUES OF IMPORTS

The combined values of imports of merchandise and treasure from Foreign Countries during the last four years were as follows:

Values	1907	1906	1905	1904
Merchandise.....	\$54,207,011	\$49,192,378	\$44,249,211	\$43,409,980
Treasure.....	5,828,470	15,319,986	3,783,256	45,055,233
Total.....	\$60,035,481	\$64,512,364	\$48,032,467	\$88,465,213

SAN FRANCISCO'S TRADE SUMMARY

The combined values of all exports of merchandise and treasure by sea and all imports of merchandise and treasure at San Francisco during the last four years make the following showing:

	1907	1906	1905	1904
Merchandise Expts	\$ 46,571,790	\$ 49,562,403	\$ 64,918,505	\$ 56,661,481
Treasure Exports...	4,381,794	12,958,354	16,341,213	15,148,744
Merchandise Impts	54,207,011	49,192,378	44,249,211	43,409,980
Treasure Imports...	5,828,470	15,319,986	3,783,256	45,055,233
Total trade	\$110,989,065	\$127,033,121	\$129,292,185	\$160,275,338

NOTE.—The exports of merchandise, commodities and supplies on United States Army Transports from San Francisco, which aggregates more than \$800,000 per year are not included in the trade statistics, and the movement of treasure to and from non-contiguous territory of the United States is not included.

EXPORTS OF TREASURE

The following is a statement of treasure shipments from San Francisco by sea during each month of the past four years:

Months	1907	1906	1905	1904
January.....	\$ 463,040	\$ 293,509	\$ 2,089,838	\$ 780,818
February.....	404,141	2,777,449	123,631	459,873
March.....	52,110	3,566,412	485,438	388,366
April.....	7,325	255,247	260,534	240,276
May.....	203,355	71,769	2,024,489	2,165,941
June.....	653,410	502,230	383,209	1,988,536
July.....	418,352	503,544	1,284,625	1,126,336
August.....	251,689	3,315	791,252	1,290,239
September.....	220,489	232,902	679,257	888,227
October.....	516,650	265,477	745,228	559,161
November.....	189,600	318,369	2,815,432	448,168
December.....	1,001,633	163,845	4,658,280	4,812,803
Total.....	\$4,381,794	\$8,954,068	\$16,341,213	\$15,148,744

The shipments of standard silver dollars and subsidiary silver coin by the United States Sub-Treasury in this city to the East during each month of the past three years were as follows:

Months	1907	1906	1905
January.....	\$ 372,918	\$ 218,780	\$ 179,550
February.....	409,185	307,214	220,850
March.....	294,762	412,520	342,570
April.....	265,370	186,272	326,925
May.....	384,974	104,120	402,815
June.....	276,827	268,436	546,605
July.....	465,380	391,869	503,345
August.....	530,680	464,390	581,425
September.....	533,030	521,472	648,725
October.....	351,793	479,318	456,125
November.....	316,812	307,260	339,165
December.....	428,670	342,635	301,780
Total.....	\$4,630,401	\$4,004,286	\$4,849,880

The total shipments by sea and overland during the last three years compare as follows:

By	1907	1906	1905
Sea	\$4,381,794	\$ 8,954,068	\$16,341,213
Sub-Treasury shipments	4,630,401	4,004,286	4,849,880
Totals	\$9,012,195	\$12,958,354	\$21,191,093

During the past three years the treasure shipments by sea were destined as follows:

To	1907	1906	1905
Costa Rica.....	\$ 800	\$ 2,740	.....
Guatemala.....	9,250	7,395	\$ 1,143
Hongkong.....	3,567,059	1,664,182	11,640,317
China.....	342,120	279,117	336,406
French Oceanica.....	11,726	2,000	7,300
German Oceanica.....	9,000	3,200	.....
Salvador.....	250	800	2,000
Philippine Islands.....	8,500	.....	.....
Japan.....	12,180	6,812,361	3,848,011
Tutuila.....	7,000	27,000	29,000
Mexico.....	142,460	2,750	3,905
Nicaragua.....	3,200	.....	900
British Oceanica.....	600	523	.....
India.....	2,400	.....	118,900
Hawaii.....	230,040	150,000	352,957
Elsewhere.....	35,209	2,000	374
Totals.....	\$4,381,794	\$8,954,068	\$16,341,213

The shipments by sea for a series of years, are as follows:

Year	Gold	Silver	Total
1907.....	.....	.....	.....
1906.....	\$1,214,728	\$ 7,739,340	\$ 8,954,068
1905.....	2,077,663	14,263,550	16,341,213
1904.....	4,153,265	10,995,479	15,148,744
1903.....	1,818,737	1,862,018	3,680,755
1902.....	2,947,959	11,903,830	14,851,789
1901.....	246,182	10,988,526	11,234,708
1900.....	485,687	14,665,491	15,151,178
1899.....	2,775,754	7,884,477	10,660,231
1898.....	803,481	7,887,039	8,694,695
1897.....	1,088,333	17,668,003	18,756,336
1896.....	1,138,557	14,372,272	15,510,829
1895.....	558,570	18,241,101	18,799,671
1894.....	1,048,975	12,929,894	13,978,869
1893.....	1,153,509	11,899,433	13,052,942
1892.....	875,635	13,700,943	14,576,578
1891.....	1,318,287	7,756,019	9,074,306
1890.....	1,538,819	7,128,561	8,667,380
1889.....	1,679,636	18,586,221	20,265,857

IMPORTS OF TREASURE

The treasure imports at San Francisco during the past three years were as follows:

From	1907	1906	1905
British Columbia.....	\$ 15,025	\$ 1,615,492	\$ 34,600
Costa Rica.....	13,000	465,210	208,370
Salvador.....	976,100	591,248	452,520
Mexico.....	3,611,033	3,114,674	2,457,212
Japan.....	448,200	3,576,316	385,553
Ecuador.....	.....	52,103	2,015
China.....	.....	61,317	42,575
Australia.....	729,975	5,328,500	51,751
Peru.....	.....	300,120	1,260
Honduras.....	172	1,970	1,700
Colombia.....	2,450	3,000	1,000
French Oceania.....	29,093	23,180	3,100
Guatemala.....	.....	18,560	7,000
Manila.....	.....	14,000	2,500
Nicaragua.....	3,422	796	.....
Panama.....	.....	1,000	.....
Hongkong.....	.....	152,500	130,100
England.....	.....	.....	2,000
Totals.....	\$5,828,470	\$15,319,986	\$3,783,256

The monthly totals of imports during each month the past three years were as follows:

Months	1907	1906	1905
January.....	\$1,150,259	\$ 228,056	\$ 382,516
February.....	431,499	324,064	166,853
March.....	273,384	296,386	250,419
April.....	604,175	190,431	247,881
May.....	217,555	1,635,489	342,894
June.....	437,675	86,200	244,832
July.....	567,282	310,778	350,394
August.....	338,886	4,487,378	329,356
September.....	402,925	301,962	202,802
October.....	287,008	5,263,902	518,955
November.....	349,038	1,750,030	189,467
December.....	768,784	445,310	555,887
Total.....	\$5,828,470	\$15,319,986	\$3,783,256

TRADE WITH THE ORIENT

EXPORTS

The monthly valuations of domestic merchandise shipped from San Francisco to China, exclusive of Hongkong and Russian China, during the last four years, makes the following showing:

Months	1907	1906	1905	1904
January.....	\$ 198,039	\$1,080,963	\$ 132,939	\$ 25,067
February.....	158,085	815,991	766,521	78,046
March.....	199,495	1,083,937	952,524	87,512
April.....	370,455	781,290	932,690	161,798
May.....	400,046	910,602	859,559	70,484
June.....	336,280	525,978	647,840	159,603
July.....	287,683	568,225	1,393,568	150,801
August.....	99,862	206,940	1,106,951	537,211
September.....	168,415	558,828	685,819	330,603
October.....	396,715	414,092	358,165	1,553,422
November.....	33,937	89,565	943,764	1,281,004
December.....	168,652	278,566	1,103,540	751,628
Total.....	\$2,817,664	\$7,314,977	\$9,883,880	\$5,187,179

The monthly valuations of merchandise shipped from San Francisco to Hongkong during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 157,297	\$ 149,991	\$ 118,124	\$ 263,181
February.....	178,811	236,932	92,211	291,762
March.....	116,808	117,926	138,645	260,699
April.....	117,550	79,295	117,927	74,760
May.....	221,412	116,300	106,816	60,794
June.....	86,381	45,520	74,831	189,725
July.....	72,261	102,947	139,732	427,136
August.....	169,432	103,104	211,664	363,578
September.....	87,628	140,311	185,211	254,711
October.....	110,750	106,660	173,502	717,097
November.....	99,621	111,811	241,979	432,351
December.....	253,336	112,552	377,338	321,061
Total.....	\$1,671,287	\$1,423,349	\$1,977,980	\$3,656,855

The exports from San Francisco to Siam and Russian China during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 851	\$1,795	\$ 46	\$ 1,432
February.....	1,483	402	.....	44,496
March.....	3,605	889	385	.....
April.....	3,838	.....	475	.....
May.....	2,885*	1,456	528	.....
June.....	795	924	1,586	.....
July.....	.....	2,084	791	.....
August.....	172	1,068	3,598	.....
September.....	820	375	2,835	.....
October.....	152	110	1,310	.....
November.....	.....	183	213	.....
December.....	117	.....	431	.....
Totals.....	\$14,718	\$9,286	\$12,198	\$45,928

NOTE.—Exports to Russian-China ceased with the opening of the Japan-Russian war in 1904 and all shipments during 1905 were to Siam.

The merchandise shipments from San Francisco to Siberia during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 6,333	\$.....	\$.....	\$ 11,038
February.....	1,365	.....	.....	.....
March.....	48,101	78,781	.....	.....
April.....	2,656	.....	.....	45,647
May.....	11,875	184,850	142,996	.....
June.....	14,370	32,127	27,219	.....
July.....	7,085	57,661	10,834	60,418
August.....	21,091	5,014	6,524	.....
September.....	13,081	56,049	161,378	.....
October.....	2,524	33,891	55,150	3,443
November.....	15,054	831	45,606	.....
December.....	12,389	468	.....	.....
Totals.....	\$155,924	\$449,672	\$449,707	\$120,546

NOTE.—Export trade during 1904 and part of 1905 was irregular owing to the Japan-Russian war.

The exports of merchandise from San Francisco to Japan during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 748,094	\$ 422,375	\$ 1,233,416	\$ 251,051
February.....	892,835	601,866	1,050,773	289,822
March.....	1,185,597	1,077,239	3,375,300	595,265
April.....	628,514	377,911	2,031,794	748,248
May.....	913,090	620,272	2,347,354	474,014
June.....	705,755	217,069	1,913,000	529,932
July.....	899,803	527,970	1,140,212	627,410
August.....	518,579	373,802	1,036,000	386,062
September.....	240,829	896,572	979,328	442,506
October.....	554,824	1,371,052	830,688	1,369,459
November.....	508,558	947,043	1,432,226	1,952,139
December.....	953,832	1,315,437	1,178,883	2,809,666
Totals.....	\$8,750,310	\$8,748,608	\$18,548,974	\$10,475,574

The exports from San Francisco to the Philippine Islands during the last four years, exclusive of shipments in United States Army Transports, were as follows:

Months	1907	1906	1905	1904
January.....	\$ 86,275	\$ 129,742	\$ 147,575	\$ 39,532
February.....	161,636	180,224	21,255	76,893
March.....	59,294	72,746	199,039	121,736
April.....	16,810	7,484	66,037	59,505
May.....	221,641	138,483	114,093	45,098
June.....	21,634	6,890	128,806	65,363
July.....	262,282	54,801	78,370	62,923
August.....	116,022	76,715	56,271	12,116
September.....	139,074	122,964	203,433	91,590
October.....	273,842	81,364	113,398	66,893
November.....	290,002	126,728	154,141	110,654
December.....	403,177	153,951	73,814	81,483
Totals.....	\$2,051,689	\$1,152,092	\$1,356,232	\$833,786

Shipments of merchandise from San Francisco to the British and Dutch East Indies during the last four years were as follows:

Month	1907	1906	1905	1904
January.....	\$ 86,635	\$ 14,631	\$ 6,384	\$ 6,324
February.....	107,165	8,753	3,692	11,674
March.....	8,861	52,385	6,610	4,841
April.....	14,613	3,274	7,941	4,565
May.....	5,473	95,652	7,412	6,048
June.....	103,465	1,339	6,427	6,837
July.....	5,172	111,719	12,982	6,431
August.....	9,681	2,517	8,638	5,940
September.....	6,992	93,373	8,442	10,189
October.....	20,973	7,510	9,578	11,833
November.....	11,510	92,959	13,111	8,199
December.....	11,646	3,927	9,301	13,567
Total.....	\$392,186	\$488,039	\$100,518	\$96,448

The exports from San Francisco to Korea during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 3,553	\$ 2,349	\$ 5,211	\$ 1,132
February.....	7,452	13,284	7,641	3,203
March.....	12,513	16,294	11,051	5,158
April.....	15,305	4,053	9,843	7,152
May.....	18,245	19,036	8,288	13,487
June.....	9,077	3,850	3,938	3,844
July.....	7,619	9,334	12,704	13,833
August.....	10,431	3,037	14,404	4,145
September.....	8,555	24,273	15,108	8,603
October.....	9,607	14,442	22,821	16,524
November.....	4,139	6,791	3,689	6,332
December.....	2,608	3,096	4,209	5,861
Total.....	\$109,104	\$ 119,839	\$118,907	\$89,274

The varieties of merchandise and commodities exported from San Francisco to China, including Hongkong, during the last three years, in quantities were as follows:

Articles	1907	1906	1905
Agricultural Implements..pkgs.	69	82	62
Arms and Ammunition ...pkgs.	248	217	514
Bags and Bagging .....bales	32	38	57
Beans .....lbs.	1,642,380	1,728,600	2,630,417
Beer .....pkgs.	11,410	12,409	16,921
Beeswax .....lbs.	14	32	40
Bicycles .....crates	261	274	212
Books and Stationery .....pkgs.	407	397	354
Borax .....lbs.	362	412	219
Boots and Shoes .....pkgs.	904	922	867
Brandy .....gals.	614	6,082	6,192
Bread .....lbs.	54,128	67,124	64,914
Candy .....pkgs.	194	207	246
Candles .....bxs.	128	114	102
Canned Goods .....cs.	207,370	185,419	146,210
Cement and Plaster .....lbs.	82	96	80
China Merchandise .....pkgs.	2,014	2,134	1,842
Cider .....cs.	340	472	520
Cigars and Cigarettes .....cs.	8,625	10,619	12,140
Codfish .....pkgs.	3,264	4,112	3,983
Coffee .....lbs.	164,718	212,982	246,317
Cordage .....coils	64	78	94
Cotton .....bales	27,496	38,262	52,017
Drugs .....pkgs.	1,604	1,562	1,738
Drugs .....lbs.	6,140	8,410	7,410
Dry Goods .....pkgs.	64,371	81,940	82,316
Electric Goods .....pkgs.	298	261	204
Fertilizers .....sks.	57	70	18
Fish .....pkgs.	16,756	18,420	25,309
Flour .....bbls.	94,268	100,983	165,054
Fruit, Fresh .....bxs.	5,940	6,210	10,412
Fruit, Canned .....cs.	9,162	9,467	14,290
Fruit, Dried .....lbs.	174,718	184,190	221,604
Fruit, Dried .....cs.	1,046	1,240	2,392
Fuse .....cs.	18	21	37
Glassware .....pkgs.	2,009	2,174	2,914
Groceries and Provisions....lbs.	902,714	918,140	909,272
Groceries and Provisions..pkgs.	21,209	20,912	37,018
Hardware .....pkgs.	1,307	1,420	1,971
Harness .....pkgs.	14	18	12
Hay .....bales	268	112	530

Articles	1907	1906	1905
Honey .....cs.	38	47	92
Hops .....lbs.	16,754	18,914	27,413
Iron Manufactures .....pkgs.	4,372	4,971	5,728
Lard .....lbs.	32,184	40,212	64,139
Lead .....pigs	41,650	38,970	76,041
Leather .....pkgs.	914	1,012	1,184
Lime .....bbls.	86	72	40
Liquor .....cs.	9,248	12,702	11,496
Live Stock .....No.	10	14	15
Lumber .....ft.	1,136	301,220	312,560
Lumber Manufactures .....pkgs.	978	1,104	1,728
Machinery .....pkgs.	3,164	3,762	2,409
Malt .....lbs.	3,718	4,120	3,060
Marble .....pkgs.	6	9	8
Metal .....pkgs.	2,290	2,132	1,217
Millstuffs .....lbs.	461,279	456,165	487,396
Millstuffs .....pkgs.	2,017	1,940	2,009
Miscellaneous .....lbs.	1,174,786	1,262,102	1,298,942
Miscellaneous .....pkgs.	16,480	20,674	19,471
Nails .....kegs	4,024	4,218	4,080
Nuts .....sk.	356	320	462
Oats .....ctls.	294	180	230
Oil and Kerosene .....cs.	942,865	957,642	961,307
Oil and Kerosene .....bbls.	15,724	12,704	46,290
Paint .....cs.	260	215	198
Paper .....rolls	371	304	420
Pipe .....pcs.	194	119	257
Quicksilver .....flasks	2,100	4,250	6,000
Raisins .....bxs.	1,484	1,640	1,560
Rice .....lbs.	21,128	24,715	31,208
Salmon .....cs.	6,154	6,214	6,512
Salmon .....bbls.	42	26	24
Salt .....bales	144	126	167
Seed .....lbs.	10,118	9,270	14,209
Ship Chandlery .....pkgs.	92	104	84
Sewing Machines .....cs.	427	419	631
Silk .....cs.	2	1	.....
Sugar .....lbs.	512,938	498,312	862,874
Tallow .....lbs.	902	915	1,072
Tea .....lbs.	674	812	1,176
Tobacco .....lbs.	1,017,370	1,116,490	1,092,946
Varnish .....cs.	15	21	14
Vegetables .....sk.	1,428	2,969	1,263
Wagon Material .....pkgs.	64	81	98
Whisky .....gals.	1,570	2,140	1,175
Whisky .....cs.	481	618	541
Wine .....gals.	24,212	49,704	52,710
Wine .....cs.	94	1,462	2,179
Wire .....bndls.	2,180	3,178	2,006
Wool .....lbs.	42	2	.....

Classified the merchandise and commodities shipped from San Francisco to Japan during the last three years, in quantities were as follows:

Articles	1907	1906	1905
Agricultural Implements..pkgs.	281	207	618
Alcohol .....bbls.	1,008	914	1,141
Arms and Ammunition....pkgs.	207	108	142
Asphaltum .....pkgs.	1,814	2,640	2,518
Bags and Bagging .....bales	15	37	19
Barley .....ctls.	168,982	187,209	261,040
Beans .....lbs.	19,210	16,118	14,978
Beer .....pkgs.	134	127	104
Bicycles .....crates	4,372	4,012	4,118
Books and Stationery ....pkgs.	814	608	972
Borax .....lbs.	172	114	167
Boots and Shoes .....pkgs.	898	861	1,162
Brandy .....gals.	1,003	609	914
Bread .....lbs.	8,928	7,427	12,218
Candy .....pkgs.	262	214	79
Candles .....bxs.	174	188	240
Canned Goods .....cs.	201,380	206,734	230,810
Canvas .....bales	14	18	94
Cement and Plaster.....lbs.	328	42	60
China Merchandise .....pkgs.	182	207	214
Cigars and Cigarettes .....cs.	15	12	9
Codfish .....pkgs.	307	248	267
Coffee .....lbs.	35,492	38,198	50,210
Copper .....lbs.	4,174	3,268	42,372
Cordage .....coils	298	436	870
Corn .....ctls.	25	8	.....
Cotton .....bales	96,417	126,219	151,492
Drugs .....pkgs.	809	1,040	919
Dry Goods .....pkgs.	2,718	3,268	4,825
Electric Goods .....pkgs.	1,472	1,386	1,978
Fish .....pkgs.	194	276	480
Flour .....bbls.	15,724	24,155	20,142
Fruit, fresh .....bxs.	614	695	870
Fruit, canned .....cs.	3,702	3,162	4,162
Fruit, dried .....cs.	98,190	102,386	115,300
Fuse .....cs.	168	194	217
Fruit, dried .....lbs.	370	.....	.....
Glassware .....pkgs.	42	76	69
Groceries and Provisions....lbs.	164,309	171,840	207,814
Groceries and Provisions..pkgs.	8,427	10,030	13,412
Hardware .....pkgs.	614	861	307
Harness .....pkgs.	15	12	21
Hay .....bales	21,308	32,419	84,390
Honey .....cs.	18	21	16

Articles	1907	1906	1905
Hops .....lbs.	8,270	6,407	12,449
Iron Manufactures .....pkgs.	33,627	44,296	56,810
Iron .....tons	2,209	2,714	2,939
Lard .....lbs.	74,376	81,362	71,380
Lead .....pkgs.	12,118	14,791	42,410
Leather .....pkgs.	7,142	8,620	65,718
Lime .....bbls.	21	16	14
Liquors .....cs.	3,248	3,719	3,120
Live Stock .....No.	8	12	9
Lumber .....feet	125,644	39,618	98,420
Lumber Manufactures .....pkgs.	7,184	8,207	12,782
Machinery .....pkgs.	5,807	5,104	16,971
Malt .....lbs.	56	13	.....
Marble .....pkgs.	14	9	8
Metal .....pkgs.	3,172	2,912	3,762
Millstuffs .....lbs.	55,984	54,718	89,570
Millstuffs .....pkgs.	472	212	340
Miscellaneous .....lbs.	1,694,187	1,972,942	2,317,862
Miscellaneous .....pkgs.	32,270	24,318	36,490
Nails .....kegs	31,817	37,104	65,520
Nuts .....sk.	312	212	479
Oats .....sk.	38,410	33,696	54,510
Oil and Kerosene .....cs.	1,240	1,187	872
Oil and Kerosene .....bbls.	29	36	61
Paint .....cs.	807	672	732
Paper .....rolls	514	408	641
Pipe .....pcs.	4,172	3,765	5,390
Poultry .....coops	12	16	4
Quicksilver .....flasks	1,660	2,100	3,700
Raisins .....bxs.	9,072	8,360	14,982
Rice .....lbs.	4,060	3,620	2,430
Salmon .....cs.	27,216	35,408	37,872
Salmon .....bbls.	278	316	384
Salt .....bales	18,648	16,724	25,607
Seed .....lbs.	3,176	3,962	5,172
Seed, Mustard .....lbs.	640	475	3,480
Ship Chandlery .....pkgs.	71	60	12
Sewing Machines .....cs.	4,308	4,270	5,764
Sugar .....lbs.	238,762	261,718	389,000
Tallow .....lbs.	6,207	8,172	28,215
Tea .....lbs.	30	.....	114
Tin .....ingots	9,142	9,642	11,204
Tobacco .....lbs.	496,868	471,896	702,860
Varnish .....cs.	274	240	342
Vegetables .....sk.	62	112	50
Wagon Materials .....pkgs.	34	27	49
Whisky .....gals.	2,970	2,180	1,620
Whiskey .....cs.	684	412	975
Wheat .....ctls.	600	200	100
Wine .....gals.	48,118	56,465	90,580
Wine .....cs.	268	976	2,162
Wire .....bndls.	2,470	2,740	3,218
Wool .....lbs.	118	24	10

The monthly shipments of flour from San Francisco to China during the last four years, in barrels, were as follows;

Month	1907	1906	1905	1904
January.....	6,208	11,041	4,180	32,470
February.....	11,641	17,430	6,186	30,099
March.....	15,102	4,377	5,559	30,541
April.....	16,643	.....	7,115	5,576
May.....	16,720	.....	12,558	2,300
June.....	2,219	500	8,570	31,429
July.....	2,022	10,281	21,670	70,178
August.....	3,523	13,680	24,580	63,098
September.....	3,540	18,359	22,045	35,576
October.....	7,020	13,730	16,750	103,519
November.....	5,510	8,710	6,549	20,645
December.....	4,120	2,875	29,292	16,916
Total.....	94,268	100,983	165,054	442,347

The monthly shipments of Flour from San Francisco to Japan during the last four years, in barrels, were as follows:

Month	1907	1906	1905	1904
January.....	1,760	2,512	3,495	2,033
February.....	516	3,538	515	1,178
March.....	1,604	6	3,325	1,320
April.....	612	.....	4,667	512
May.....	2,095	.....	4,079	353
June.....	566	.....	.....	4
July.....	2,018	861	4	19
August.....	24	6,450	.....	3,318
September.....	.....	5,510	132	1,022
October.....	6,529	515	8	3,159
November.....	.....	.....	11	4,884
December.....	.....	4,763	3,906	6,417
Total.....	15,724	24,155	20,142	24,219

IMPORTS

The monthly valuations of the imports of merchandise at San Francisco from the Chinese Empire including Hongkong during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$1,143,406	\$ 584,281	\$1,020,954	\$ 691,492
February.....	970,387	450,481	332,779	1,040,048
March.....	446,064	372,399	604,231	328,242
April.....	819,661	600,310	291,117	574,702
May.....	648,097	270,812	801,782	606,726
June.....	336,857	406,780	433,392	220,600
July.....	618,599	308,853	378,669	711,316
August.....	701,684	581,863	478,218	255,416
September.....	527,998	630,261	1,280,447	441,591
October.....	258,629	839,871	587,631	689,860
November.....	605,292	640,054	618,836	918,352
December.....	826,259	914,240	378,018	1,141,708
Totals.....	\$7,902,933	\$6,600,205	\$7,206,074	\$7,620,052

The valuations of imports of merchandise at San Francisco, from Japan during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$1,792,097	\$1,460,202	\$1,855,725	\$ 850,231
February.....	1,875,962	1,777,629	1,385,507	1,880,441
March.....	1,644,794	2,012,074	1,140,478	1,013,760
April.....	1,626,447	1,114,635	1,421,074	433,821
May.....	648,353	1,229,072	1,551,946	1,089,449
June.....	606,781	810,351	1,314,139	328,882
July.....	2,137,017	980,487	563,035	1,083,013
August.....	1,804,808	901,753	1,695,926	1,094,417
September.....	2,723,622	2,040,705	2,566,632	1,499,185
October.....	2,648,668	2,538,771	1,292,482	3,835,776
November.....	1,795,392	3,374,143	956,902	2,384,110
December.....	1,653,046	1,510,135	1,785,361	1,277,105
Totals.....	\$20,956,987	\$19,749,963	\$17,529,207	\$16,770,190

The monthly valuations of imports of merchandise at San Francisco from the Philippine Islands during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 143,249	\$ 358	\$ 91,513	\$ 906
February.....	20,107	109,954	796	92,103
March.....	5,207	12,157	803	215
April.....	739	311	27,689	65,585
May.....	121,865	73,283	74,538	92,980
June.....	140,714	259,925	133,374	119,957
July.....	89,809	262,373	56,539	72,290
August.....	6,212	157	45,469	7,691
September.....	93,990	163,648	318	40,407
October.....	188,303	149	45,245	3,928
November.....	8,253	2,556	50,498	49,577
December.....	12,531	40,818	47,315	54,679
Totals.....	\$830,979	\$925,689	\$574,097	\$600,372

The valuations of imports of merchandise at San Francisco from all British India and the Dutch East Indies during the last four years were as follows:

Months	1907	1906	1905	1904
January.....	\$ 186,072	\$ 166,760	\$ 43,517	\$ 54,678
February.....	170,909	39,934	19,990	209,810
March.....	144,682	94,699	75,122	45,385
April.....	431,064	211,796	212,998	35,598
May.....	739,524	610,475	353,859	57,845
June.....	308,585	351,967	373,234	363,464
July.....	381,328	363,912	897,183	221,756
August.....	221,004	632,984	148,192	68,576
September.....	90,248	309,699	56,152	62,437
October.....	167,563	220,258	42,530	25,869
November.....	29,284	58,782	118,286	263,072
December.....	144,601	305,171	102,272	26,812
Totals.....	\$3,014,864	\$3,456,747	\$1,643,335	\$1,435,302

The values of San Francisco's merchandise exports to all the Oriental countries during the last four years, were as follows:

Exports To	1907	1906	1905	1904
China	\$ 2,817,664	\$ 7,314,977	\$ 9,883,880	\$ 5,187,179
Hongkong.....	1,671,287	1,423,349	1,977,980	3,656,855
Russian China.....	.....	.....	.....	45,928
Siberia	155,924	449,672	449,707	120,546
Japan	8,750,310	8,748,608	18,548,974	10,475,574
Philippine Islands..	2,051,689	1,152,092	1,356,232	833,786
East Indies	392,186	490,591	113,086	96,448
Korea	109,104	119,839	118,907	89,274
Guam	236	24,207	12,219	96,348
Midway Islands.....	1,571	8,796	7,859	72,589
Total.....	\$15,949,971	\$19,732,131	\$32,468,844	\$20,674,527

The imports from all the Oriental countries at San Francisco during the last four years were as follows:

Imports From	1907	1906	1905	1904
China & Hongkong	\$ 7,902,933	\$ 6,600,605	\$ 7,206,074	\$ 7,620,053
Japan	20,956,987	19,749,963	17,529,207	16,770,190
Philippine Islands..	830,979	925,689	574,097	600,372
East Indies	3,014,964	3,605,784	1,643,335	1,435,302
Asiatic Russia .....	.....	.....	123,598	157,135
Straits Settlements.	1,190,881	898,505	784,774	.....
Siam	605	3,148	5,217	.....
Total.....	\$33,897,349	\$31,783,694	\$27,866,302	\$26,583,052

TONNAGE MOVEMENT

The following shows the registered net tonnage entered at the San Francisco Custom House during the past two years from foreign and Atlantic ports, the actual carrying capacity being largely in excess of the given figures:

ARRIVALS FROM	1907				1906			
	STEAM		SAIL		STEAM		SAIL	
	No.	Tons	No.	Tons	No.	Tons	No.	Tons
Great Britain.....	7	22,472	32	42,718	6	19,212	22	51,890
Germany.....	22	68,914	12	16,207	14	49,680	8	11,240
Belgium.....	5	16,807	7	10,460	2	4,870	21	40,724
Holland.....	3	6,240	3	3,272	1	2,160	7	8,290
France.....	6	11,970	2	3,104			3	2,148
Italy.....	4	8,781	1	1,792	1	1,684	3	3,228
Australia.....	21	72,696	31	40,961	19	76,410	35	31,276
Hawaii.....	60	137,845	58	70,014	62	134,163	83	91,374
Mexico.....	18	52,719	2	2,870	14	36,729	11	6,207
Hongkong.....	45	167,940	3	4,369	42	171,208	2	2,170
Japan.....	28	74,312	2	3,020	5	14,471	1	1,482
China.....	16	58,981	3	4,094	7	14,298	2	2,638
Alaska.....	17	40,862	21	25,165	14	21,792	21	38,368
Pacific Islands.....	8	7,415	10	12,798	2	4,170	8	1,765
British Columbia.....	170	326,874	8	10,671	164	291,176	8	10,602
Philippine Islands.....	6	16,210			2	5,169		
Siberia.....			1	1,864			2	516
Tahiti.....	12	27,819	3	5,198	11	21,374	2	662
Chili.....	5	11,462	2	3,960	1	2,168	6	8,437
Peru.....	3	6,180			1	1,216		
Panama.....	56	190,217	2	3,118	59	158,964	1	974
Ecuador.....	1	1,540					1	936
South Africa.....			1	1,904			1	1,478
India.....	2	4,162	1	1,478			2	3,173
Sea in distress.....	8	7,897	2	3,260			1	1,424
Atlantic States.....	26	108,146	8	10,179	18	92,462	9	17,158
Elsewhere.....	19	46,065	9	11,908	40	70,000	2	2,014
Totals.....	561	1,494,526	192	294,384	485	1,193,376	262	340,184
Coasting.....		1,842,674		791,418		1,672,821		617,962
Grand Total Tonnage.....		3,337,200		1,085,802		2,866,197		958,146

The annual inward tonnage at San Francisco, exclusive of coasting and bay and river trade, for a series of years is as follows:

YEARS	STEAM		SAIL		TOTALS	
	No.	Tons	No.	Tons	No.	Tonnage
1889.....	304	453,803	678	706,529	982	1,160,332
1890.....	309	470,348	582	610,129	891	1,280,447
1891.....	358	573,673	783	898,753	1141	1,472,426
1892.....	312	488,511	684	776,827	996	1,265,338
1893.....	337	530,463	565	642,188	902	1,172,651
1894.....	323	541,348	606	685,312	929	1,226,660
1895.....	324	568,442	583	709,183	907	1,277,625
1896.....	338	612,580	625	768,187	963	1,380,767
1897.....	285	520,394	535	634,073	820	1,154,467
1898.....	330	592,865	494	530,092	824	1,122,957
1899.....	438	802,085	444	479,919	882	1,282,004
1900.....	473	914,897	479	572,919	952	1,487,816
1901.....	484	993,739	479	568,311	963	1,562,050
1902.....	430	923,757	488	674,081	918	1,597,838
1903.....	422	1,019,959	445	652,021	867	1,671,980
1904.....	427	982,708	348	503,020	775	1,485,728
1905.....	429	1,066,935	323	415,549	752	1,482,484

TONNAGE MOVEMENT

The clearances from San Francisco during the past two years were as follows:

SAILING FOR	1907				1906			
	STEAM		SAIL		STEAM		SAIL	
	No.	Tons	No.	Tons	No.	Tons	No.	Tons
Great Britain.....	17	47,908	12	29,312	2	2,940	15	31,782
Germany	21	76,412	3	7,028	18	44,207	1	1,362
Samoa.....	1	1,704	4	3,112	.....	.....	2	910
Tasmania.....	.....	.....	.....	610	.....	.....	1	518
Italy.....	1	1,872	1	1,228	.....	.....	1	1,360
Australia.....	16	58,614	18	50,108	17	61,412	23	41,030
Hawaii.....	74	206,962	82	121,614	64	138,941	112	144,205
Mexico	15	44,980	2	4,210	10	22,316	12	5,328
Hongkong.....	37	144,368	1	1,018	28	121,474	.....	.....
Japan.....	20	71,624	.....	.....	18	58,286	.....	.....
China.....	9	26,772	2	2,060	3	5,104	1	1,140
Pacific Islands.....	16	35,410	10	13,540	2	2,112	7	4,823
British Columbia.....	132	294,807	8	9,679	126	238,977	4	5,282
Philippine Islands	2	2,460	.....	.....	1	1,628	.....	.....
Siberia	8	16,749	4	3,990	9	18,236	2	3,470
Central America.....	16	31,124	8	4,971	4	5,478	4	1,782
Chili.....	5	9,212	8	6,140	6	11,942	5	5,364
Peru.....	2	2,481	.....	.....	1	1,940	.....	.....
Panama.....	49	104,628	1	812	46	83,614	.....	.....
Colombia.....	2	1,928	1	308	1	696	1	312
South Africa.....	2	2,162	2	1,694	.....	.....	1	1,428
Tahiti.....	10	22,407	3	1,806	10	18,212	2	1,328
Ecuador.....	1	1,104	1	612	1	1,732	.....	.....
Atlantic States	17	59,376	8	17,028	12	41,317	8	14,982
Whaling.....	7	2,460	5	1,218	6	2,140	5	1,312
Guam.....	1	1,128	1	562	.....	.....	1	418
Elsewhere.....	32	69,237	20	35,191	29	41,975	24	28,609
Totals	513	1,336,889	206	317,851	414	924,679	232	306,745
Coasting.....	.....	1,727,502	.....	646,487	.....	1,781,492	.....	672,418
Grand Total Tonnage.....	.....	3,064,391	.....	964,338	.....	2,706,171	.....	979,163

The total outward tonnage from San Francisco, exclusive of coasting and bay and river trade, for a series of years past, is as follows:

YEARS	STEAM		SAIL		TOTAL	
	No.	Tons	No.	Tons	No.	Tons
1889.....	289	448,292	625	654,011	914	1,102,303
1890.....	296	459,635	572	617,223	868	1,076,858
1891.....	338	559,273	670	736,149	1008	1,295,422
1892.....	312	498,415	615	692,330	937	1,180,745
1893.....	361	572,980	662	752,649	1023	1,325,629
1894.....	335	548,416	551	617,389	886	1,165,805
1895.....	321	560,622	530	638,364	851	1,198,986
1896.....	331	607,119	574	683,603	905	1,290,722
1897.....	301	537,902	558	689,970	859	1,227,872
1898.....	313	567,542	419	464,153	732	1,031,695
1899.....	431	790,463	442	459,996	873	1,250,459
1900.....	471	903,986	443	504,466	914	1,408,452
1901.....	473	873,053	428	524,000	901	1,497,053
1902.....	428	907,800	429	560,247	857	1,468,047
1903.....	437	1,036,112	385	560,209	822	1,596,321
1904.....	421	994,718	331	414,018	752	1,408,736

TONNAGE ACCORDING TO NATIONALITY.

Combining the arrivals and departures, sail and steam, for the past year, the total registered tonnage according to nationality, was as follows:

Nationality.	Arrivals.		Departures.	
	No.	Tons.	No.	Tons.
American.....	438	899,765	426	852,328
British.....	132	346,714	129	316,860
Norwegian.....	31	79,824	29	74,216
French.....	62	198,918	57	180,412
Italian.....	7	14,978	6	12,878
German.....	67	204,418	58	179,654
Japanese.....	11	36,942	9	31,041
Dutch.....	2	2,609	2	2,609
Danish.....	2	3,014	2	3,014
Russian.....	1	1,728	1	1,728
Totals.....	753	1,788,910	719	1,654,740

The arrivals and departures of deep-water tonnage at and from San Francisco during each month of the past year was as follows:

Month.	Arrivals.		Departures.	
	No.	Tons.	No.	Tons.
January.....	58	141,342	65	137,661
February.....	63	151,633	67	140,681
March.....	59	130,064	59	126,288
April.....	71	158,474	66	149,483
May.....	60	131,873	68	151,526
June.....	47	124,895	53	119,838
July.....	59	146,745	56	126,418
August.....	55	129,980	52	126,058
September.....	64	154,109	58	129,433
October.....	74	181,101	71	193,994
November.....	69	154,092	51	126,096
December.....	74	184,602	53	127,264
Totals.....	753	1,788,910	719	1,654,740

Vessels to and from Domestic Coast ports and bay and river points are not included in the foregoing figures.

EXPORTS OF FLOUR, WHEAT AND BARLEY

The shipments of each year for the last four cereal years, ending June 30, respectively, are as follows:

WHEAT.

	1906-1907	1905-1906	1904-1905	1903-1904
Destination.	Centals	Centals	Centals	Centals
Ports of Call.....	82,056	204,879	746,442	850,806
United Kingdom.....	138,620	35,739	41,126	166,080
Continent.....	24,823	.....	.....	25,760
South America.....	.....	.....	.....	12,988
Australia.....	.....	.....	.....	.....
Africa.....	.....	.....	.....	.....
Miscellaneous.....	8,874	21,558	20,973	26,938
Totals.....	254,353	262,176	808,541	1,082,572

FLOUR.

Destination.	Barrels	Barrels	Barrels	Barrels
China.....	136,168	154,234	354,100	465,498
Japan.....	25,252	10,117	34,900	45,084
Hawaii and Pacific Isl' ds.	102,996	91,271	108,627	124,121
East Indies.....	.....	.....	.....	.....
Siberia.....	2,673	12,600	17,176	5,305
Mexico.....	10,300	15,126	8,369	8,635
Central Amer. & Panama.	147,375	164,580	201,356	169,143
South America.....	31,183	22,384	32,218	21,802
United Kingdom.....	.....	.....	5,008	36,051
Australia.....	15	.....	.....	11
Miscellaneous.....	5	70,357	314	3,716
Totals.....	455,967	540,669	763,068	879,366

BARLEY.

Destination.	Centals	Centals	Centals	Centals
United Kingdom.....	2,545,579	702,499	1,221,795	3,182,503
Continent.....	188,124	222,023	.....	415,972
Australia.....	.....	23,046	13,440	115,975
Russia.....	.....	.....	40,000	.....
New York.....	.....	.....	.....	.....
Railroad to East.....	.....	.....	192,400	.....
Japan.....	.....	63,605	270,058	139,220
Miscellaneous.....	503,694	407,617	481,723	406,881
Totals.....	3,237,397	1,418,790	2,219,416	4,260,551

WHEAT AND FLOUR.

Receipts of Flour and Wheat at San Francisco for the year ending December 31, 1907, and the preceding year were as follows:

FLOUR.			WHEAT.		
	—Barrels—			—Centals—	
	1907	1906		1907	1906
California.....	238,991	515,435	California.....	915,128	649,166
Oregon, etc....	400,313	348,845	Oregon, etc....	487,722	910,989
Totals.....	639,304	864,280	Totals.....	1,402,850	1,560,155

Receipts of Flour and Wheat from January 1, 1907, to December 31, 1907, inclusive, reduced to Wheat centals.

Flour*—California, 238,991 barrels.....	716,973	}	1,632,101
Wheat—California, centals.....	915,128		
Flour*—Oregon, 400,313 barrels.....	1,200,939	}	1,688,661
Wheat—Oregon, centals.....	487,722		
Total receipts, centals.....			3,320,762

Receipts of Flour and Wheat combined from January 1, 1907, to December 31, 1907, inclusive.....

4,152,995

Decrease in receipts for 1907, centals..... 832,233

Exports of Flour and Wheat from January 1, 1907, to December 31, 1907, inclusive, reduced to Wheat centals.

Flour*—401,341 barrels.....	1,204,023	}	1,665,839
Wheat—centals.....	461,816		

Exports from January 1, 1906, to December 31, 1906, inclusive:

Flour*—430,102 barrels.....	1,290,036	}	1,688,884
Wheat—centals.....	398,848		

Decrease in exports for 1907, centals.... 23,045

Value of Flour and Wheat shipments from January 1, 1907, to December 31, 1907, inclusive:

Flour, 401,341 barrels.....	\$2,106,705	
Wheat, 461,816 centals.....	692,224	
		\$2,798,929

Value of shipments from January 1, 1906, to December 31, 1906, inclusive:

Flour, 430,102 barrels.....	\$2,150,510	
Wheat, 398,848 centals.....	496,278	
		\$2,646,788

Increase in value of shipments for 1907.... \$ 152,141

*Flour is reduced to Wheat at the rate of three centals of wheat to one barrel of Flour.

The receipts of Wheat and Flour, at San Francisco, from all sources, for a series of fiscal years were as follows:

HARVEST YEARS	RECEIPTS		
	FLOUR BARRELS	WHEAT CENTALS	EQUAL TO CTLS. WHEAT
July 1, 1858, to June 30, 1859.....	68,554	433,002	638,664
July 1, 1859, to June 30, 1860.....	91,407	985,026	1,259,247
July 1, 1860, to June 30, 1861.....	113,779	2,160,723	2,502,060
July 1, 1861, to June 30, 1862.....	106,565	1,361,218	1,680,913
July 1, 1862, to June 30, 1863.....	159,588	1,864,652	2,343,416
July 1, 1863, to June 30, 1864.....	100,602	1,846,118	2,147,924
July 1, 1864, to June 30, 1865.....	134,735	527,881	932,086
July 1, 1865, to June 30, 1866.....	181,498	2,207,158	2,751,652
July 1, 1866, to June 30, 1867.....	300,749	4,999,346	5,901,593
July 1, 1867, to June 30, 1868.....	201,186	5,031,966	5,635,524
July 1, 1868, to June 30, 1869.....	223,350	6,046,350	6,716,400
July 1, 1869, to June 30, 1870.....	181,517	6,172,635	6,716,186
July 1, 1870, to June 30, 1871.....	123,513	4,422,729	4,793,268
July 1, 1871, to June 30, 1872.....	139,982	2,391,666	2,811,612
July 1, 1872, to June 30, 1873.....	222,279	10,780,895	11,447,732
July 1, 1873, to June 30, 1874.....	469,533	7,829,821	9,238,420
July 1, 1874, to June 30, 1875.....	461,845	9,807,776	11,193,311
July 1, 1875, to June 30, 1876.....	457,365	6,597,288	7,969,383
July 1, 1876, to June 30, 1877.....	514,298	10,803,776	12,346,670
July 1, 1877, to June 30, 1878.....	382,697	4,454,838	5,602,929
July 1, 1878, to June 30, 1879.....	472,155	10,101,075	11,517,540
July 1, 1879, to June 30, 1880.....	492,911	10,887,604	12,366,337
July 1, 1880, to June 30, 1881.....	594,876	16,217,284	18,001,912
July 1, 1881, to June 30, 1882.....	810,844	20,883,788	23,316,320
July 1, 1882, to June 30, 1883.....	1,031,499	15,337,207	18,431,704
July 1, 1883, to June 30, 1884.....	1,289,591	12,817,069	16,685,842
July 1, 1884, to June 30, 1885.....	1,301,019	17,298,686	19,201,743
July 1, 1885, to June 30, 1886.....	1,181,002	12,604,635	16,147,641
July 1, 1886, to June 30, 1887.....	1,123,489	14,140,355	17,510,822
July 1, 1887, to June 30, 1888.....	1,149,578	9,710,625	13,159,359
July 1, 1888, to June 30, 1889.....	1,208,745	14,238,096	17,864,331
July 1, 1889, to June 30, 1890.....	1,454,537	14,758,497	19,122,108
July 1, 1890, to June 30, 1891.....	1,502,730	15,220,844	19,729,034
July 1, 1891, to June 30, 1892.....	1,329,585	13,879,305	17,868,060
July 1, 1892, to June 30, 1893.....	1,391,461	11,531,702	15,706,085
July 1, 1893, to June 30, 1894.....	1,061,015	10,806,736	13,989,781
July 1, 1894, to June 30, 1895.....	1,345,529	10,889,037	14,925,624
July 1, 1895, to June 30, 1896.....	1,410,886	10,355,285	14,587,943
July 1, 1896, to June 30, 1897.....	1,484,572	10,789,299	15,243,015
July 1, 1897, to June 30, 1898.....	1,334,513	10,313,379	14,316,918
July 1, 1898, to June 30, 1899.....	1,426,019	3,213,083	7,491,140
July 1, 1899, to June 30, 1900.....	1,633,806	7,157,027	12,058,445
July 1, 1900, to June 30, 1901.....	1,656,873	8,918,523	13,889,142
July 1, 1901, to June 30, 1902.....	1,697,846	10,310,905	15,404,543
July 1, 1902, to June 30, 1903.....	1,515,701	6,242,859	10,789,962
July 1, 1903, to June 30, 1904.....	1,391,735	2,512,618	6,687,823
July 1, 1904, to June 30, 1905.....	1,187,682	2,840,918	6,403,964
July 1, 1905, to June 30, 1906.....	813,112	3,710,837	6,150,173
July 1, 1906, to June 30, 1907.....	1,030,955	1,066,159	4,159,024

The quantities and values of Wheat and Flour exports from San Francisco by sea during the past thirty calendar years were as follows:

Calendar Years	Wheat		Flour	
	Centals	Value	Barrels	Value
1907.....	461,816	\$ 607,982	401,341	\$2,094,718
1906.....	398,848	558,387	430,012	2,150,060
1905.....	3,719,994	5,579,990	1,037,484	4,678,677
1904.....	1,192,391	1,669,350	836,239	3,846,700
1903.....	2,759,525	3,890,930	873,190	3,929,355
1902.....	8,237,782	10,297,227	1,188,884	4,161,093
1901.....	9,294,538	9,526,812	1,169,184	3,624,470
1900.....	7,733,667	7,923,347	1,130,353	3,671,963
1899.....	3,245,434	3,576,329	970,396	3,276,430
1898.....	3,964,817	5,694,448	810,516	3,383,755
1897.....	9,250,591	13,884,158	869,767	3,900,004
1896.....	12,208,241	14,455,656	1,171,528	4,214,396
1895.....	11,051,002	10,418,012	948,762	2,762,501
1894.....	7,200,816	6,648,095	787,457	2,372,012
1893.....	10,875,268	12,725,413	882,580	3,185,498
1892.....	9,762,816	14,254,905	1,115,267	4,680,704
1891.....	16,947,917	27,323,251	1,231,993	5,781,590
1890.....	13,014,306	17,277,604	1,190,262	4,835,539
1889.....	12,115,075	16,641,194	1,130,950	4,754,859
1888.....	11,720,100	18,318,477	822,347	3,392,182
1887.....	9,064,145	14,714,321	797,232	3,409,963
1886.....	15,832,155	21,443,167	1,124,615	4,372,965
1885.....	11,842,242	16,428,985	1,298,169	5,326,258
1884.....	12,158,714	17,329,448	1,201,761	5,288,575
1883.....	12,960,540	22,978,530	1,246,218	6,220,627
1882.....	18,756,239	31,355,452	959,889	4,808,291
1881.....	20,006,540	30,821,996	785,078	3,569,190
1880.....	9,452,099	15,243,378	560,770	2,754,267
1879.....	10,540,197	19,258,457	511,600	2,548,486
1878.....	8,062,287	14,462,182	489,462	2,614,764

WHEAT CROPS AND DISTRIBUTION

The following table shows the rainfall at San Francisco for a series of years and the wheat crop of California and distribution, in centals.

Season	Rain- fall	Crop Year	Crop	Exports	Local Con- sumption	Carry over Stock	Imports
1890-91	17.58	1891	21,095,440	16,586,380	6,000,000	2,451,000	1,964,000
1891-92	18.53	1892	20,445,960	13,489,480	6,300,000	5,727,580	1,520,100
1892-93	21.75	1893	19,904,640	11,883,540	6,500,000	7,878,980	1,630,300
1893-94	18.47	1894	14,335,844	11,095,480	7,200,000	6,456,000	768,540
1894-95	25.70	1895	15,730,004	13,613,980	6,800,000	2,930,700	1,168,560
1895-96	21.25	1896	17,452,041	13,452,693	7,000,000	1,990,272	2,060,224
1896-97	23.43	1897	18,351,786	12,907,953	6,800,000	3,388,606	2,754,501
1897-98	9.38	1898	7,341,220	4,259,913	7,000,000	3,585,606	4,115,693
1898-99	16.87	1899	19,462,047	9,455,737	6,860,000	8,615,583	1,883,667
1899-1900	18.47	1900	12,230,516	11,211,648	7,190,000	4,218,718	1,774,267
1900-01	21.17	1901	18,620,263	13,710,220	7,270,000	2,984,147	1,125,386
1901-02	18.98	1902	11,255,698	8,576,530	6,785,000	1,401,910	2,523,595
1902-03	18.28	1903	8,958,599	3,631,899	7,181,500	2,636,430	2,950,320
1903-04	20.59	1904	6,537,131	3,665,370	7,306,660	1,105,539	2,904,008
1904-05	23.45	1905	3,197,138	1,800,922	7,535,920	1,846,878	6,885,073
1905-06	26.34	1906	6,001,439	1,648,493	9,167,547	1,684,878	3,129,723

WHEAT EXPORTS

The exports of Wheat and Flour from San Francisco by sea, for a series of years, by fiscal years, were as follows:

HARVEST YEARS	EXPORTS		
	FLOUR BARRELS	WHEAT CENTALS	EQUAL TO CTLS. WHEAT
July 1, 1859, to June 30, 1860.....	58,926	381,768	558,546
July 1, 1860, to June 30, 1861.....	197,181	1,529,924	2,121,467
July 1, 1861, to June 30, 1862.....	101,652	851,844	1,156,800
July 1, 1862, to June 30, 1863.....	144,883	1,043,652	1,478,301
July 1, 1863, to June 30, 1864.....	152,633	1,074,292	1,529,191
July 1, 1864, to June 30, 1865.....	91,479	25,369	299,806
July 1, 1865, to June 30, 1866.....	279,554	1,039,515	1,877,177
July 1, 1866, to June 30, 1867.....	465,337	3,636,190	5,032,201
July 1, 1867, to June 30, 1868.....	423,189	3,803,778	5,073,345
July 1, 1868, to June 30, 1869.....	453,920	4,374,524	5,736,284
July 1, 1869, to June 30, 1870.....	352,962	4,863,891	5,922,776
July 1, 1870, to June 30, 1871.....	196,219	3,571,846	4,160,503
July 1, 1871, to June 30, 1872.....	270,079	1,404,382	2,214,619
July 1, 1872, to June 30, 1873.....	263,645	9,822,688	10,613,623
July 1, 1873, to June 30, 1874.....	644,710	7,273,241	9,207,371
July 1, 1874, to June 30, 1875.....	485,551	8,793,354	10,241,007
July 1, 1875, to June 30, 1876.....	445,143	6,136,460	7,571,889
July 1, 1876, to June 30, 1877.....	524,885	10,513,104	12,087,759
July 1, 1877, to June 30, 1878.....	442,061	3,969,728	5,295,911
July 1, 1878, to June 30, 1879.....	530,549	10,012,220	11,603,867
July 1, 1879, to June 30, 1880.....	496,572	10,626,692	12,116,408
July 1, 1880, to June 30, 1881.....	660,763	13,371,603	15,353,892
July 1, 1881, to June 30, 1882.....	860,850	22,279,545	24,862,095
July 1, 1882, to June 30, 1883.....	1,099,652	14,601,796	17,900,752
July 1, 1883, to June 30, 1884.....	1,262,351	11,368,267	15,155,320
July 1, 1884, to June 30, 1885.....	1,304,412	16,113,924	20,027,160
July 1, 1885, to June 30, 1886.....	1,087,191	11,322,325	14,583,898
July 1, 1886, to June 30, 1887.....	998,312	12,334,114	15,329,050
July 1, 1887, to June 30, 1888.....	852,687	8,773,887	11,331,948
July 1, 1888, to June 30, 1889.....	909,032	13,385,095	16,112,191
July 1, 1889, to June 30, 1890.....	1,189,629	13,702,191	17,271,078
July 1, 1890, to June 30, 1891.....	1,185,410	13,836,467	17,392,697
July 1, 1891, to June 30, 1892.....	1,083,577	12,945,956	16,196,687
July 1, 1892, to June 30, 1893.....	1,113,291	10,555,242	13,895,115
July 1, 1893, to June 30, 1894.....	800,026	9,014,228	11,414,306
July 1, 1894, to June 30, 1895.....	922,476	9,602,661	12,370,098
July 1, 1895, to June 30, 1896.....	961,331	10,359,414	13,243,407
July 1, 1896, to June 30, 1897.....	1,120,027	10,103,775	13,463,856
July 1, 1897, to June 30, 1898.....	824,266	10,056,558	12,529,356
July 1, 1898, to June 30, 1899.....	1,309,416	2,285,862	5,314,110
July 1, 1899, to June 30, 1900.....	1,195,783	6,519,771	10,107,120
July 1, 1900, to June 30, 1901.....	1,091,684	7,990,186	11,265,238
July 1, 1901, to June 30, 1902.....	1,178,235	9,671,107	13,205,812
July 1, 1902, to June 30, 1903.....	988,864	5,252,851	8,219,443
July 1, 1903, to June 30, 1904.....	836,239	1,192,451	3,701,168
July 1, 1904, to June 30, 1905.....	763,068	808,541	3,097,745
July 1, 1905, to June 30, 1906.....	540,669	262,176	2,430,548
July 1, 1906, to June 30, 1907.....	455,967	254,353	1,622,254

WHEAT QUOTATIONS

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WHEAT QUOTATIONS

The following prices are for No. 1 White Wheat per cental, based on all transactions in the San Francisco market during each month of the past two cereal years.

Month	1906-1907			1905-1906		
	Average	Highest	Lowest	Average	Highest	Lowest
.....	\$1 29½	\$1 31½	\$1 27½	\$1 45½	\$1 49	\$1 41½
ist.....	1 27	1 29½	1 24½	1 37½	1 44½	1 30
ember.....	1 23¾	1 26	1 21¾	1 33½	1 36¾	1 30½
ber.....	1 25½	1 27¼	1 24	1 39½	1 43¼	1 35½
ember.....	1 25½	1 27½	1 22¾	1 38½	1 42¼	1 34¾
mber.....	1 24	1 24½	1 23½	1 35½	1 36¼	1 34
ary.....	1 30	1 34	1 28½	1 30½	1 32¼	1 28
uary.....	1 37	1 37½	1 36½	1 27½	1 29¼	1 26
h.....	1 40¼	1 40½	1 40	1 26¼	1 27½	1 25
l.....	1 38¾	1 39	1 38½	1 27½	1 31	1 26½
.....	1 51¾	1 59¾	1 43¾	1 34½	1 35	1 34
.....	1 55¾	1 57½	1 54	1 31½	1 33	1 30¼

The ruling prices for No. 1 White Wheat per cental for a series of years past are as follows:

Year	Average	Highest	Lowest	Year	Average	Highest	Lowest
-07..	\$1 33¼	\$1 55	\$1 15	1885-86..	\$1 43¼	\$1 52¼	\$1 17½
-06..	1 33½	1 49	1 25	1884-85..	1 31½	1 50	1 15
-05..	1 47¼	1 55	1 23¾	1883-84..	1 64¾	1 90	1 42½
-04..	1 37¾	1 50	1 23¾	1882-83..	1 73½	2 05	1 60
-03..	1 32½	1 55	1 12½	1881-82..	1 60	1 75	1 30
-02..	1 05	1 16¼	95	1880-81..	1 42½	1 62½	1 25
-01..	1 00	1 06¼	97	1879-80..	1 82	2 15	1 45
-00..	1 01	1 12½	90	1878-79..	1 67¼	1 77½	1 57½
-99..	1 14½	1 25	1 05	1877-78..	2 18	2 45	1 82½
-98..	1 47½	1 82½	1 20	1876-77..	1 92¼	3 00	1 45
-97..	1 26¾	1 57½	90	1875-76..	1 93½	2 32½	1 67½
-96..	1 01½	1 17½	88¾	1874-75..	1 62	1 85	1 52½
-95..	87½	95	76¼	1873-74..	2 05¼	2 35	1 70
-94..	1 01¼	1 16¼	90	1872-73..	1 76¼	2 05	1 50
-93..	1 27¾	1 37½	1 17½	1871-72..	2 34	2 82½	1 87½
-92..	1 63½	1 90	1 38¾	1870-71..	2 20½	3 10	1 65
-91..	1 46¼	1 85	1 27½	1869-70..	1 69	1 82½	1 55
-90..	1 28¾	1 38¾	1 25	1868-69..	1 87	2 12½	1 55
-89..	1 34½	1 65	1 26¼	1867-68..	2 36	3 05	1 67½
-88..	1 40¼	2 00	1 22½	1866-67..	1 73	2 15	1 35
-87..	1 52½	1 87½	1 20	1865-66..	2 11	4 75	1 62½

BARLEY QUOTATIONS.

Average highest and lowest prices of No. 1 Feed Barley for each month of the last two cereal years. Quotations are based on actual transactions in the San Francisco Market.

Month	1906-1907			1905-1906		
	Average	Highest	Lowest	Average	Highest	Lowest
July.....	\$0 96½	\$1 00½	\$0 92½	\$ 95¾	\$1 00½	\$ 90½
August.....	98½	1 00	96½	98½	1 00½	97
September....	1 02	1 05½	98½	1 04¾	1 09½	99½
October.....	1 10	1 15	1 05	1 15½	1 22½	1 08½
November....	1 11½	1 14½	1 08½	1 18½	1 22	1 15½
December....	1 11½	1 13½	1 09	1 22½	1 25	1 20
January.....	1 00½	1 02½	98	98½	1 04	93¾
February.....	1 04½	1 06½	1 02½	94½	96	93½
March.....	1 15½	1 23½	1 07½	96	97½	94½
April.....	1 21½	1 24	1 18½	97½	98½	96½
May.....	1 26½	1 30½	1 22½	96½	97	96½
June.....	1 23½	1 27½	1 19½	93½	96½	90½

BARLEY QUOTATIONS FOR A SERIES OF YEARS.

Average Highest and Lowest Price No. 1 Feed Barley, Spot, per cental.

Year	Average	Highest		Lowest	
1906-07	\$1 11½	\$1 27½	May	\$0 92	July
1905-06	1 07½	1 25	December	90½	July, June
1904-05	1 13½	1 30	May	92½	June
1903-04	1 09¾	1 16½	Sept., Oct.	95	June
1902-03	1 10½	1 26½	December	90	July, Aug., June
1901-02	83½	1 02½	May	70	July, Sept., Oct.
1900-01	74½	82½	April	70	July, Sept., Nov.
1899-1900 ..	79	1 00	July	67½	June
1898-99	1 19	1 35	December	87½	June
1897-98	1 01	1 45	April	70	July
1896-97	75	92½	November	66½	July
1895-96	66½	73½	June	53½	September
1894-95	77½	87½	July, August	57½	June
1893-94	79½	1 12½	May	65	Aug., Sept.
1892-93	85½	93½	August	78½	June
1891-92	1 05½	1 20	July	92½	June
1890-91	1 39¾	1 65	June	1 00	July
1889-90	81½	1 06½	May	63½	July
1888-89	75½	85	Sept., Nov., Feb.	57½	May, June
1887-88	86½	1 08½	July	75	Jan., Mar., Apr.
1886-87	1 00½	1 20	May	80	August
1885-85	1 28	1 50	October	76½	June

CEREAL EXPORTS.

The clearances of flour and grain cargoes from San Francisco, by sea, during the last two years, and the totals for a series of years, are as follows:

1906	Flour Bbls.	Wheat Ctls.	Barley Ctls.	Oats Ctls.	Corn Ctls.	Rye Ctls.
January	36,986	56,800	37,682	540	2,742	.....
February	42,695	74,856	17,246	726	6,774	.....
March	32,609	10,147	119,736	421	5,159	.....
April	34,198	1,736	27,685	320	1,978	.....
May	43,145	1,175	37,748	68	1,390	.....
June	25,553	81,158	61,757	283	840	.....
July	25,157	123	27,258	339	2,136	.....
August	42,965	6,426	197,775	69	532	.....
September	42,865	289,994	330,003	107	1,556	.....
October	37,449	32,254	692,264	20	1,997	.....
November	30,023	33,451	684,233	309	995	.....
December	35,367	69,032	252,849	111	588	.....
1907						
January	27,455	50,626	297,577	372	1,061	.....
February	42,604	13,771	284,412	69	616	.....
March	41,888	13,990	218,633	3,606	1,097	.....
April	64,038	780	29,659	.....	1,619	.....
May	39,540	514	190,309	103	834	.....
June	26,616	1,696	32,425	107	1,574	.....
July	31,066	752	99,657	357	1,256	500
August	17,048	8,876	86,295	750	842	43
September	24,874	426	337,009	525	390	.....
October	40,210	13,643	399,261	922	381	.....
November	21,388	108,993	230,092	457	329	56
December	24,614	247,749	111,902	121	176	.....
Totals, 1907..	401,341	461,816	2,317,231	7,389	10,175	599
Totals, 1906..	428,932	657,152	2,486,232	3,305	26,687	.....
Totals, 1905..	592,689	184,466	1,767,575	51,600	159,816	.....
Totals, 1904..	836,231	1,192,391	2,202,513	92,218	65,294	878
Totals, 1903..	873,190	2,759,525	3,907,027	49,587	32,407	2,810
Totals, 1902..	1,188,884	8,237,782	3,937,894	38,416	35,349	301,232
Totals, 1901..	1,169,184	9,294,538	4,072,241	151,704	10,792	144,446
Totals, 1900..	1,260,202	7,752,722	2,489,826	234,613	13,002	49,240
Totals, 1899..	1,077,580	3,247,102	3,167,383	31,033	21,389	54,215
Totals, 1898..	831,083	3,973,536	786,303	28,308	31,633	29
Totals, 1897..	869,437	9,508,591	3,405,832	23,362	78,483	69,792
Totals, 1896..	1,172,733	12,182,706	3,856,394	32,312	30,351	152,437
Totals, 1895..	949,981	11,047,414	1,622,567	16,204	46,011	.....
Totals, 1894..	787,432	7,144,017	1,058,172	21,430	178,320	12
Totals, 1893..	872,506	10,880,219	2,817,151	19,856	95,867	33,739
Totals, 1892..	1,077,956	9,726,697	1,323,495	21,982	70,648	32,420
Totals, 1891..	1,225,183	16,823,743	929,216	12,392	123,998	93,615
Totals, 1890..	1,182,111	13,019,910	318,313	28,447	78,337	96,012
Totals, 1889..	1,109,126	12,257,046	830,331	59,323	26,486	.....
Totals, 1888..	808,439	11,708,261	1,029,361	35,985	51,041	.....
Totals, 1887..	788,180	9,140,689	416,583	.....	.....	.....
Totals, 1886..	1,104,395	15,874,268	760,606	.....	.....	.....

GRAIN FREIGHTS

The following tabulation shows the highest and lowest rates paid per ton for iron ships during each month of the harvest years 1905-1906 and 1906-1907, based on the prices paid for spot engagement to Cork for orders to U. K., Havre or Antwerp.

Month	1906-1907						1905-1906					
	Average		Highest		Lowest		Average		Highest		Lowest	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
January.....	23	1	23	4	22	10	23	7	23	9	23	6
February.....	23	6	23	6	23	6	23	6	23	9	23	5
March.....	23	4	23	8	23	2	23	8	23	9	23	7
April.....	23	6	23	9	23	5	23	9	23	10	23	8
May.....	23	9	23	10	23	8	....	....	....	....	....	....
June.....	23	9	23	9	23	9	....	....	....	....	....	....
July.....	23	8	23	9	22	5	23	9	23	9	23	9
August.....	22	5	22	6	20	0	....	....	....	....	....	....
September.....	23	8	23	9	18	6	....	....	....	....	....	....
October.....	....	....	....	....	....	....	23	8	23	9	23	7
November.....	22	6	22	5	18	10	23	4	23	7	23	3
December.....	18	6	18	6	18	6	23	2	23	6	22	9

The average rates during the past twenty-five years were as follows:

Years	Grain Ships Cleared			Rates					
	Am.	Foreign	Total	Wood			Iron		
				£	s.	d.	£	s.	d.
1906-1907.....	.....	50	50	....	....	....	1	3	....
1905-1906.....	.....	29	29	....	....	....	1	2	6
1904-1905.....	1	51	52	....	....	....	1	1	8
1903-1904.....	1	86	87	....	....	....	0	14	9
1902-1903.....	2	135	137	....	....	....	0	17	3
1901-1902.....	8	208	216	....	....	....	1	10	0
1900-1901.....	10	149	159	....	....	....	1	18	6
1899-1900.....	3	159	162	....	....	....	1	17	5
1898-99.....	12	54	66	....	....	....	1	6	0
1897-98.....	8	207	215	....	....	....	1	8	0
1896-97.....	24	226	250	1	6	3	1	3	9
1895-96.....	13	195	208	1	7	0	1	6	6
1894-95.....	13	150	163	1	5	6	1	7	0
1893-04.....	26	163	189	1	5	3	1	7	7
1892-93.....	29	201	230	0	19	6	1	2	8
1891-92.....	39	234	273	1	11	11	1	11	1
1890-91.....	52	213	265	1	18	10	2	1	11
1889-90.....	55	229	284	1	13	5	1	17	3
1888-89.....	60	229	289	1	8	3	1	12	7
1887-88.....	33	165	198	1	5	6	1	6	2
1886-87.....	55	227	282	1	6	1	1	8	2
1885-86.....	88	161	249	1	9	3	1	12	6
1884-85.....	116	255	371	1	14	2	1	18	0
1883-84.....	81	210	291	1	5	8	1	14	8
1882-83.....	169	202	371	2	3	6	2	6	9
1881-82.....	154	405	559	3	5	7	3	7	3
Highest, 1880-1881.....				3	6	9	3	13	0
Lowest, 1903-1904.....				....	....	....	0	14	9

The San Francisco Produce Exchange Call Board Association was organized February 27, 1882, and the sales during each cereal year until the Board was closed were as follows:

Year	Wheat Tons	Barley Tons	Total Tons
Feb. 27, 1882—June 30, 1884.....	686,500	2,614,103	3,300,513
1884—85.....	871,800	1,564,600	2,436,400
1885—86.....	2,228,700	590,000	2,818,700
1886—87.....	3,386,000	1,385,300	5,271,300
1887—88.....	973,400	1,083,300	2,056,700
1888—89.....	1,979,600	706,700	2,686,300
1889—90.....	1,416,400	515,700	1,932,100
1890—91.....	1,656,500	587,800	2,244,300
1891—92.....	1,717,500	859,200	2,576,700
1892—93.....	1,427,000	585,400	2,012,400
1893—94.....	2,111,500	694,800	2,806,300
1894—95.....	3,342,900	612,600	3,955,100
1895—96.....	1,860,800	279,200	2,140,000
1896—97.....	2,324,500	210,200	2,534,700
1897—98.....	3,378,700	577,200	3,955,900
1898—99.....	1,845,900	436,700	2,282,600
1899—1900.....	1,497,900	161,900	1,659,800
1900—01.....	1,016,600	138,500	1,155,100
1901—02.....	813,000	189,700	1,002,700
July 1 to Aug. 31, 1902.....	103,400	62,800	166,200

CALIFORNIA CANNED FRUITS

Trade estimates of the annual pack of Canned Fruits in 2½-lb. tins and 2 dozen tins to the case, for a series of years past, are as follows:

Year	Cases	Year	Cases
1866.....	19,000	1887.....	772,500
1867.....	35,000	1888.....	1,360,400
1868.....	43,000	1889.....	1,420,600
1869.....	82,000	1890.....	1,495,300
1870.....	132,600	1891.....	1,571,250
1871.....	187,490	1892.....	1,602,370
1872.....	228,140	1893.....	1,418,700
1873.....	216,230	1894.....	1,528,830
1874.....	248,500	1895.....	1,639,807
1875.....	264,320	1896.....	1,602,450
1876.....	270,833	1897.....	1,942,982
1877.....	206,250	1898.....	2,085,166
1878.....	235,324	1899.....	3,003,170
1879.....	298,356	1900.....	2,775,896
1880.....	236,458	1901.....	2,677,072
1881.....	472,916	1902.....	2,252,790
1882.....	541,665	1903.....	2,783,504
1883.....	593,750	1904.....	2,840,614
1884.....	576,900	1905.....	3,252,500
1885.....	565,750	1906.....	3,125,000
1886.....	675,000	1907.....	5,525,000

CUSTOMS RECEIPTS

The monthly receipts of Customs duties paid into the United States Treasury at San Francisco during each month of the past year compared with the seven preceding years as follows:

Months	1907	1906	1905	1904	1903	1902	1901	1900
January.....	\$754,727 75	\$645,160 50	\$658,990 04	\$632,147 54	\$677,441 60	\$736,246 31	\$606,396 20	\$754,582 84
February.....	756,286 95	673,571 41	493,289 39	619,119 43	694,807 97	508,299 00	472,861 43	500,343 41
March.....	690,383 49	721,132 11	552,445 58	687,493 61	686,363 87	568,626 59	518,488 34	552,544 95
April.....	720,406 12	403,853 67	515,684 72	579,984 30	626,211 34	717,753 94	586,721 52	706,337 95
May.....	831,866 00	537,368 33	628,937 01	465,887 38	570,816 75	643,121 63	575,359 75	543,740 14
June.....	634,982 32	632,560 84	603,593 24	636,731 12	625,488 05	594,193 10	585,360 82	567,902 43
July.....	821,047 74	627,038 28	501,855 11	613,382 68	572,971 28	680,197 77	657,026 63	653,927 73
August.....	702,814 52	1,171,705 04	576,468 94	685,880 15	720,714 24	593,578 07	577,945 03	690,641 81
September.....	577,070 87	878,126 31	602,528 34	665,186 26	549,364 64	710,139 17	595,835 43	562,285 40
October.....	681,876 66	972,562 36	606,707 20	589,211 95	667,216 10	656,086 92	695,251 74	778,744 25
November.....	495,740 54	801,230 43	580,028 85	803,791 08	575,058 87	553,369 33	564,122 03	790,651 79
December.....	657,778 92	1,024,174 94	810,798 86	565,517 61	654,702 34	686,822 00	609,003 43	591,639 41
Totals.....	\$8,324,981 88	\$9,091,486 22	\$7,131,327 28	\$7,544,333 11	\$7,621,157 05	\$7,648,433 83	\$7,044,372 35	\$7,693,342 11

CUSTOMS RECEIPTS

INTERNAL REVENUE COLLECTIONS

During the past year and for the two preceding years, the monthly collections of Internal Revenue in the San Francisco District were as follows:

Months	1907	1906	1905
January.....	\$ 395,351 53	\$ 407,231 54	\$ 222,083 27
February.....	370,114 58	352,607 34	215,837 12
March.....	341,650 70	382,328 73	317,780 80
April.....	409,611 08	246,417 84	271,509 59
May.....	379,290 66	242,269 45	308,323 34
June.....	439,148 61	421,587 47	365,562 78
July.....	521,395 41	557,248 18	542,240 95
August.....	407,832 02	425,260 98	359,026 27
September.....	404,393 33	361,090 87	374,189 75
October.....	410,205 25	343,955 54	392,976 74
November.....	318,828 67	402,245 68	393,188 36
December.....	481,156 39	400,012 25	372,902 20
Totals.....	\$4,878,978 23	\$4,542,255 87	\$4,135,621 17

The total collections for several previous years were as follows: 1904, \$3,181,653.83; 1903, \$2,794,597.21; 1902, \$2,892,760.33; 1901, \$3,677,-092.46; 1900, \$4,019,086.30; 1899, 3,686,417.20; 1898, \$3,023,902.20; 1897, \$2,490,471.20; 1896, \$2,410,019.46; 1895, \$2,067,946.28; 1894, \$1,692,796.07; 1893, \$1,686,592.23; 1892, \$1,818,351.43; 1891, \$1,887,-561.23; 1890, \$1,858,852.48.

Classified, the collections during 1907 and the two preceding years were as follows:

For	1907	1906	1905
Lists.....	\$ 71,671 10	\$ 99,950 04	\$ 19,799 26
Beer.....	985,915 50	863,157 50	915,351 50
Spirits.....	3,233,514 14	3,099,751 05	2,538,550 41
Cigars and Cigarettes.....	220,103 82	189,268 97	296,800 90
Snuff.....	236 40	288 28	389 27
Tobacco.....	17,005 57	17,824 47	22,683 79
Specials.....	349,885 00	271,326 99	341,385 51
Playing Cards.....	515 40	443 02	448 78
Export Stamps.....	88 80	95 55	251 75
Documentary.....	2 50	150 00	.....
Case Goods.....	40 00	.....	.....
Totals.....	\$4,878,978 23	\$4,542,255 87	\$4,135,621 17

THE SILVER MARKET

The fluctuations in the price of refined Silver in the American and English markets for the last twelve months ending December 31, were as follows:

Months	New York		London	
	High	Low.	High	Low
	Cents	Cents	Pence	Pence
January.....	70 ¹ / ₈	67 ⁵ / ₈	32 ⁷ / ₈	31 ¹ / ₄
February.....	69 ¹ / ₂	68 ¹ / ₄	32 ³ / ₈	31 ¹ / ₂
March.....	69 ³ / ₈	65 ⁵ / ₈	32 ¹ / ₈	30 ¹ / ₈
April.....	66 ¹ / ₈	64 ³ / ₄	30 ¹ / ₂	30
May.....	67 ¹ / ₂	64 ⁷ / ₈	31 ¹ / ₈	30
June.....	67 ³ / ₈	66 ¹ / ₂	31 ¹ / ₈	30 ⁵ / ₈
July.....	69 ¹ / ₂	67 ¹ / ₄	31 ¹ / ₈	31
August.....	69 ³ / ₈	67 ³ / ₄	32 ³ / ₈	31 ¹ / ₄
September.....	68 ¹ / ₂	67 ¹ / ₄	31 ⁹ / ₈	31 ¹ / ₈
October.....	66 ⁵ / ₈	59 ¹ / ₈	30 ⁷ / ₈	27 ⁷ / ₈
November.....	60 ⁵ / ₈	57 ³ / ₈	28 ¹ / ₈	26 ¹ / ₂
December.....	57 ⁷ / ₈	52 ¹ / ₂	26 ³ / ₄	24 ¹ / ₄
Highest.....	70 ¹ / ₈	.....	32 ⁷ / ₈	.....
Lowest.....	.....	52 ¹ / ₂	.....	24 ¹ / ₄

The New York prices are per ounce of 1000 fine and the London rates are per ounce 925 fine.

The fluctuations for the last twelve months ending December 31, were as follows:

Months	New York		London	
	High.	Low.	High.	Low.
	Cents	Cents	Pence	Pence
January.....	65 ³ / ₄	64 ¹ / ₄	30 ³ / ₄	29 ³ / ₄
February.....	66 ³ / ₄	65 ¹ / ₂	30 ¹ / ₈	30 ¹ / ₈
March.....	62 ⁵ / ₈	65 ⁵ / ₈	30 ⁷ / ₈	29
April.....	64 ⁷ / ₈	63 ⁷ / ₈	29 ¹ / ₈	29 ⁵ / ₈
May.....	.....	.....	.....	.....
June.....	65 ³ / ₄	64 ¹ / ₈	30 ⁵ / ₈	29 ⁵ / ₈
July.....	65 ³ / ₄	64 ⁵ / ₈	30 ⁷ / ₈	29 ¹ / ₈
August.....	66 ⁷ / ₈	64 ⁵ / ₈	30 ¹ / ₈	29 ¹ / ₈
September.....	68 ¹ / ₂	66 ³ / ₄	31 ¹ / ₄	30 ¹ / ₈
October.....	70 ⁵ / ₈	68 ³ / ₈	32 ⁹ / ₈	31 ¹ / ₈
November.....	71 ³ / ₄	69 ³ / ₈	33 ¹ / ₈	32
December.....	69 ³ / ₄	68 ¹ / ₈	32 ³ / ₈	31 ⁹ / ₈

On November 28, 1902, Silver touched the lowest point on record, being 46⁵/₈c in New York and 21¹/₈d in London, the latter, however, was duplicated in January, 1903.

NEW MONEY MINTED

The United States Mint at San Francisco is the second largest mint in the world and the coinage during the last three calendar years was as follows:

Description	1907	1906	1905
Double Eagles.....	\$ 43,316,000 00	\$41,315,000 00	\$36,260,000 00
Eagles	2,105,000 00	4,570,000 00	3,692,500 00
Half Eagles		2,990,000 00	4,403,500 00
Standard Silver Dollars.....			
Half Dollars	625,000 00	3,678,077 00	1,247,000 00
Quarter Dollars.....	340,000 00		471,000 00
Dimes	317,847 00	313,664 00	685,519 90
Pesos	10,278,000 00	201,000 00	6,056,000 00
50 Centimes.....	4,777,000 00	2,500,000 00	426,000 00
20 Centimes.....	633,000 00		84,000 00
10 Centimes.....	493,000 00		
Totals.....	\$62,884,847 00	\$55,567,741 00	\$53,325,519 90

The Pesos and Centimes were for the Philippine Islands, except \$2,500,-000 in 50 centavos for Mexico in 1906.

The monthly coinage during the last three years was as follows:

Month	1907	1906	1905
January	\$ 1,726,000 00	\$ 5,985,000 00	\$ 8,438,000 00
February	1,995,000 00	3,891,000 00	5,019,000 00
March	1,189,000 00	3,871,000 00	5,691,500 00
April	3,165,847 00	916,000 00	3,630,000 00
May	1,927,500 00		4,339,553 20
June.....	930,000 00	224,000 00	11,889,996 70
July	7,020,000 00	5,022,164 00	552,000 00
August.....	21,406,000 00	4,508,000 00	9,490,000 00
September	1,314,000 00	9,192,000 00	919,000 00
October	1,828,000 00	9,080,077 00	1,686,500 00
November.....	18,489,000 00	10,832,500 00	388,000 00
December	1,894,500 00	2,046,000 00	1,282,000 00
Totals	\$62,884,847 00	\$55,567,741 00	\$53,325,519 90

The United States Mint was established in San Francisco in April, 1854, and the total coinage to December 31, 1907, is \$1,763,097,880.35, divided as follows:

Double Eagles	\$1,287,912,000 00	Double Dimes	\$ 231,000 00
Eagles	123,502,060 00	Dimes.....	7,040,218 90
Half Eagles	119,978,000 00	Half Dimes.....	119,100 00
Three Dollars.....	186,300,000 00	Pesos	36,896,000 00
Quarter Eagles	1,861,255 00	50 Centimes	6,283,000 00
Dollars (gold)	90,232 00	20 Centimes	1,159,316 00
Standard Dollars..	109,523,073 00	10 Centimes	1,127,000 00
Trade Dollars.....	26,647,000 00	50 Centavos	2,500,000 00
Half Dollars.....	29,796,031 50		
Quarter Dollars....	10,256,534 25	Total	\$1,763,097,880 35

NEW MONEY MINTED

The annual coinage of the U. S. Mint at San Francisco, since its establishment, is as follows:

Calendar Years	Gold	Silver	Total Value
1854.....	\$ 4,084,207	\$.....	\$ 4,084,207 00
1855.....	18,008,300	164,075 00	18,172,375 00
1856.....	25,306,400	184,000 00	25,490,400 00
1857.....	20,327,000	99,500 00	20,426,500 00
1858.....	17,158,200	274,250 00	17,432,450 00
1859.....	12,918,000	329,000 00	13,247,000 00
1860.....	11,178,000	264,000 00	11,442,000 00
1861.....	15,665,000	511,000 00	16,176,000 00
1862.....	17,275,960	710,825 00	17,986,785 00
1863.....	19,543,400	478,750 00	20,022,150 00
1864.....	15,917,640	361,500 00	16,279,140 00
1865.....	21,213,500	371,250 00	21,584,750 00
1866.....	17,362,000	553,500 00	17,915,500 00
1867.....	18,720,000	630,000 00	19,350,000 00
1868.....	17,230,000	644,000 00	17,874,000 00
1869.....	14,028,050	403,500 00	14,431,550 00
1870.....	19,848,000	507,000 00	20,355,000 00
1871.....	18,905,000	1,136,775 00	20,041,775 00
1872.....	16,000,000	380,600 00	16,380,600 00
1873.....	21,154,500	920,900 00	22,075,400 00
1874.....	24,460,000	2,868,000 00	27,328,000 00
1875.....	24,674,000	7,395,000 00	32,069,000 00
1876.....	32,022,500	10,682,000 00	42,704,500 00
1877.....	35,092,000	14,680,000 00	49,772,000 00
1878.....	36,209,500	13,977,000 00	50,186,500 00
1879.....	28,955,750	9,110,000 00	38,065,750 00
1880.....	28,527,000	8,900,000 00	37,427,000 00
1881.....	29,085,000	12,760,000 00	41,845,000 00
1882.....	28,665,000	9,250,000 00	37,915,000 00
1883.....	24,576,000	6,250,000 00	30,826,000 00
1884.....	20,447,500	3,256,496 90	23,703,996 90
1885.....	22,007,500	1,501,369 00	23,508,869 00
1886.....	24,600,000	770,652 40	25,370,652 40
1887.....	23,390,000	2,216,445 00	25,606,445 00
1888.....	25,148,500	1,133,000 00	26,281,500 00
1889.....	19,748,000	797,267 80	20,545,267 80
1890.....	16,055,000	8,372,680 60	24,427,680 60
1891.....	25,762,500	6,169,611 60	31,932,111 60
1892.....	21,250,000	2,054,604 75	23,304,604 75
1893.....	22,457,000	1,082,773 85	23,539,773 85
1894.....	21,500,500	3,946,552 65	25,447,052 65
1895.....	23,920,000	1,507,213 25	25,427,213 25
1896.....	30,093,000	5,674,989 35	35,767,989 35
1897.....	33,522,500	6,561,791 65	40,084,291 65
1898.....	63,226,500	5,706,673 70	68,933,173 70
1899.....	56,341,000	3,768,954 80	60,109,954 80
1900.....	61,645,000	5,801,634 25	57,446,634 25
1901.....	78,287,500	2,784,990 20	81,072,490 20
1902.....	44,462,500	2,848,488 00	47,310,988 00
1903.....	33,735,000	14,032,732 00	47,767,732 00
1904.....	103,168,500	11,656,519 00	114,825,019 00
1905.....	44,356,000	2,403,519 90	46,759,519 90
1906.....	48,875,000	6,692,741 00	55,567,741 00
1907.....	45,421,000	17,463,847 00	62,884,847 00

FRUIT AND CANNED GOODS SHIPMENTS

The shipments of canned goods, exclusive of salmon, from San Francisco, by sea during the last four years were as follows:

Months	1907 Cases	1906 Cases	1905 Cases	1904 Cases
January.....	24,287	38,240	32,117	44,447
February.....	28,457	30,315	61,724	3,172
March.....	33,559	63,259	111,573	19,180
April.....	25,576	24,968	47,968	16,669
May.....	25,432	21,916	82,045	13,505
June.....	25,989	15,502	80,593	10,068
July.....	19,559	30,987	52,376	16,458
August.....	44,703	24,373	79,396	125,364
September.....	111,500	140,968	108,210	124,665
October.....	100,019	50,270	129,618	179,595
November.....	50,666	38,436	37,411	174,110
December.....	34,442	184,870	49,872	107,940
Totals.....	524,189	664,104	872,903	835,173

DRIED FRUITS

The shipments of Dried Fruit exclusive of Prunes and Raisins from San Francisco by sea during the last two years were as follows:

Months	1907		1906	
	Pounds	Cases	Pounds	Cases
January.....	362,380	812	255,120	1,562
February.....	418,972	276	312,364	578
March.....	387,196	804	779,586	917
April.....	114,865	238	46,302	642
May.....	304,648	257	590,574	.....
June.....	207,961	118	358,017	314
July.....	165,412	712	287,641	1,123
August.....	451,822	648	222,238	508
September.....	721,470	1,106	704,918	1,264
October.....	1,015,946	4,207	1,144,762	3,628
November.....	524,182	2,110	148,650	2,541
December.....	571,128	864	828,729	1,464
Totals.....	5,245,980	12,152	5,678,901	14,541

FRESH FRUIT SHIPMENTS

The number of cars of Deciduous Fruits forwarded by rail from California during the past seven years were as follows:

Destination	1901	1902	1903	1904	1905	1906	1907
Chicago.....	1,273	1,301	1,256	924	1,518	1,116	1,407
New York.....	1,482	1,475	1,680½	1,202	1,804	1,728	1,862
Boston.....	639	745	846	493	562	531	671
Philadelphia.....	257	295	384	206	407	472	598
Minneapolis.....	275	419	203	210	296	227	362
Baltimore.....	23	63	84	56	89	73	86
Cincinnati.....	29	51	64	30	72	54	71
Kansas City.....	85	101	109	42	91	86	156
Motnreal.....	128	102	107	94	136	108	167
New Orleans.....	118	165	240½	131	223	179	216
Denver.....	246	104	109	45	154	162	188
St. Louis.....	64	94	142	146	183	188	206
St. Paul.....	108	267	217	127	179	143	172
Omaha.....	205	165	129	45	101	94	108
Cleveland.....	58	101	106	68	76	65	92
Pittsburg.....	167	278	297	150	214	207	264
Buffalo.....	32	28	25	12	27	14	21
Milwaukee.....	62	68	41	40	58	42	67
England.....	93	156	90	48	52	36	44
Scotland.....	16	9	4	.....	2	.....	2
Germany.....	.....	.....	.....	.....	1	.....	1
Mexico.....	1	1	1½	.....	.....	.....	2
Minor Points—Canada.	55	143	122	83	142	79	114
“ U. S.....	1,043	1,010	1,410½	1,474	1,684	685	621
Wrecked.....	.....	.....	2	.....	.....	.....	.....
Totals.....	6,459	7,141	7,670	5,626	8,071	6,289	7,498

The varieties of the annual shipments are shown as follows:

Varieties	1901	1902	1903	1904	1905	1906	1907
Pears.....	1,535	2,011	1,719	2,186	1,013	1,563	1,049
Peaches.....	1,901	1,777	1,857	559	1,946	583	699
Grapes.....	966	1,033	1,804	1,451	1,602	2,050	3,460
Plums and Prunes.....	936	1,478	1,145	1,053	1,391	1,220	1,039
Apricots.....	201	222	241	97	279	16	71
Cherries.....	110	245	211	209	79	150	98
Apples.....	739	359	671	43	1,744	689	1,065
Quinces.....	13	10	19	18	12	9	6
Figs.....	.....	.....	.....	6	4	3	4
Nectarines.....	2	.....	2	4	.....	.....	2
Persimons.....	2	.....	1	.....	1	1	3
Mixed.....	23	6	.....	.....	.....	2	2
Cars not reported.....	31	.....	.....	.....	.....	2	.....
Totals.....	6,459	7,141	7,670	5,626	8,071	6,289	7,498

WINES AND BRANDIES

The receipts of California Wines at San Francisco during the last year and the three previous years were as follows:

Months	1907 Gallons	1906 Gallons	1905 Gallons	1904 Gallons
January.....	1,147,440	1,772,150	1,673,975	1,590,400
February.....	1,103,300	1,447,725	1,594,067	1,753,050
March.....	1,203,600	1,406,350	1,213,200	1,848,360
April.....	980,850	640,150	1,094,320	1,498,348
May.....	828,750	128,550	1,624,475	1,285,350
June.....	1,114,900	452,550	1,271,500	1,433,947
July.....	743,950	828,735	1,184,675	1,151,290
August.....	975,090	907,900	1,281,850	1,143,350
September.....	827,550	823,067	1,279,600	1,417,030
October.....	948,700	737,982	1,074,100	1,112,250
November.....	1,059,575	902,795	1,398,950	1,693,165
December.....	1,336,000	1,364,120	2,007,250	1,947,790
Total.....	12,269,705	11,412,074	16,697,962	17,874,330

MONTHLY RECEIPTS OF CALIFORNIA BRANDIES

Months	1907 Gallons	1906 Gallons	1905 Gallons	1904 Gallons
January.....	71,525	17,050	28,510	97,300
February.....	15,500	20,550	26,900	21,400
March.....	10,050	39,950	13,400	23,300
April.....	17,050	8,825	9,775	9,790
May.....	8,100	850	8,750	1,250
June.....	8,600	5,700	8,075	8,281
July.....	8,250	25,420	3,150	7,400
August.....	7,515	4,280	9,300	2,000
September.....	8,650	10,051	19,675	12,800
October.....	14,000	24,895	19,200	36,900
November.....	52,160	28,125	68,350	75,495
December.....	56,650	45,000	90,140	115,630
Total.....	278,050	230,693	305,225	411,546

Receipts for a series of years, in gallons, are as follows:

Year	Wine	Brandy	Year	Wine	Brandy
1890.....	11,561,076	540,357	1897.....	12,350,728	229,210
1891.....	12,576,665	712,472	1898.....	15,498,229	485,398
1892.....	9,474,353	636,080	1899.....	13,662,491	472,938
1893.....	11,836,750	693,059	1900.....	14,546,601	325,493
1894.....	11,626,710	764,130	1901.....	15,814,782	417,205
1895.....	15,387,216	276,380	1902.....	16,410,540	559,610
1896.....	13,840,726	201,305	1903.....	16,262,479	514,475

EXPORTS OF WINE

WINE EXPORTS BY SEA.

During the last year the exports of California Wines from San Francisco by Sea were, as follows:

To	Cases	Gallons	Values
Atlantic States.....	84	2,642,828	\$ 1,060,538
Germany.....	2	52	35
Mexico.....	528	40,182	18,712
Central America.....	918	62,960	29,837
Colombia.....	8	12,848	5,184
Ecuador.....	54	11,723	4,963
Peru.....	6	265	138
Hawaii.....	1,732	664,970	264,672
England.....	74	50,215	20,468
Pacific Islands.....	42	2,586	1,404
Tahiti.....	14	18,374	7,567
Philippine Islands.....	253	3,240	1,342
Japan.....	268	48,118	20,512
China.....	94	24,212	10,048
India.....	6	276	586
Australia.....	44	218	907
British Columbia.....	192	15,154	6,281
New Zealand.....	14	418	1,032
Java.....		2,272	983
Panama.....	146	118,316	46,076
Siam.....		50	20
Korea.....	3		18
Singapore.....		240	96
Elsewhere.....	27	2,324	1,064
Total.....	4,509	3,721,841	\$ 1,502,355

The total exports and values for a series of years past are as follows:

Year	Gallons	Cases	Value
1906.....	3,831,225	3,821	\$1,894,328
1905.....	7,061,156	4,950	2,614,971
1904.....	7,118,884	4,802	2,697,439
1903.....	6,938,746	5,693	2,567,228
1902.....	6,636,186	4,360	2,478,659
1901.....	5,839,447	11,237	1,993,327
1900.....	5,790,786	8,358	1,755,923
1899.....	3,518,631	7,073	1,157,965
1898.....	5,145,003	7,895	1,824,259
1897.....	5,462,686	13,585	1,988,197
1896.....	4,202,869	16,567	1,496,366
1895.....	4,015,126	15,793	1,323,223
1894.....	2,440,024	11,507	1,017,027
1893.....	3,666,412	22,618	1,527,678
1892.....	4,797,172	13,347	2,031,405
1891.....	4,918,222	11,552	2,160,516

EXPORTS OF BRANDY BY SEA

■ The exports of California Brandy from San Francisco by sea during the past two years were as follows:

To	1907			1906		
	Gallons	Cases	Value	Gallons	Cases	Value
Eastern States.....	3,820	8	\$ 5,778	4,210	12	\$ 7,225
Europe.....	3,246	10	4,929	3,176	8	5,984
Mexico.....	918	92	1,929	984	109	1,829
Central America..	574	32	1,053	562	28	938
South America.....	212	4	342	244	6	298
Hawaii.....	1,632	326	3,804	1,824	348	5,065
Pacific Islands.....	228	4	366	240	3	295
Philippine Isld's..	448	12	744	412	10	428
Japan.....	235	256	1,887	264	282	1,671
China.....	242	124	1,007	246	158	1,383
East Indies.....	125	9	241	140	8	208
Australia.....	296	8	492	312	10	360
British Columbia..	142	38	441	128	36	412
Siberia.....	512	268	2,376	630	340	1,582
Elsewhere.....	216	28	492	862	21	1,214
Totals.....	12,846	1,209	\$25,881	14,234	1,379	\$28,892

The totals of exports and values for a series of years past are as follows:

Year	Gallons	Cases	Value
1905.....	16,766	1,600	\$ 32,089
1904.....	27,922	197	31,069
1903.....	54,168	254	60,189
1902.....	24,349	643	36,423
1901.....	29,512	352	28,746
1900.....	56,776	1,816	54,536
1899.....	126,572	4,190	106,413
1898.....	120,046	694	117,149
1897.....	18,058	231	26,806
1896.....	72,998	580	78,871
1895.....	91,953	422	76,845
1894.....	357,103	311	374,153
1893.....	309,353	242	265,975
1892.....	532,347	250	495,368
1891.....	432,821	289	395,396
1890.....	303,425	434	324,462

CALIFORNIA WINES AND BRANDY

The production of each vintage season, for a series of fiscal years past, is as follows:

WINE		BRANDY	
Year	Gallons	Year	Gallons
1865—66.....	2,250,000	1865—66.....	74,773
1866—67.....	2,500,000	1866—67.....	47,303
1867—68.....	4,000,000	1867—68.....	152,418
1868—69.....	3,000,000	1868—69.....	286,753
1869—70.....	3,800,000	1869—70.....	169,791
1870—71.....	4,500,000	1870—71.....	157,107
1871—72.....	3,000,000	1871—72.....	211,916
1872—73.....	2,500,000	1872—73.....	118,605
1873—74.....	4,000,000	1873—74.....	99,680
1874—75.....	4,000,000	1874—75.....	297,147
1875—76.....	4,000,000	1875—76.....	142,799
1876—77.....	4,000,000	1876—77.....	157,159
1877—78.....	5,000,000	1877—78.....	318,071
1878—79.....	7,000,000	1878—79.....	158,393
1879—80.....	10,200,000	1879—80.....	238,928
1880—81.....	8,000,000	1880—81.....	351,206
1881—82.....	9,000,000	1881—82.....	302,513
1882—83.....	8,500,000	1882—83.....	324,717
1883—84.....	10,000,000	1883—84.....	295,039
1884—85.....	11,000,000	1884—85.....	383,756
1885—86.....	18,000,000	1885—86.....	402,121
1886—87.....	15,000,000	1886—87.....	742,445
1887—88.....	17,000,000	1887—88.....	953,580
1888—89.....	15,500,000	1888—89.....	915,573
1889—90.....	17,500,000	1889—90.....	1,072,957
1890—91.....	20,000,000	1890—91.....	1,245,698
1891—92.....	15,000,000	1891—92.....	1,475,525
1892—93.....	24,700,000	1892—93.....	2,209,617
1893—94.....	14,000,000	1893—94.....	2,007,965
1894—95.....	18,000,000	1894—95.....	1,754,062
1895—96.....	17,000,000	1895—96.....	2,090,000
1896—97.....	16,400,000	1896—97.....	1,442,468
1897—98.....	31,500,000	1897—98.....	1,250,000
1898—99.....	19,000,000	1898—99.....	1,690,000
1899—1900.....	23,500,000	1899—1900.....	3,256,513
1900—01.....	22,500,000	1900—01.....	1,688,482
1901—02.....	43,000,000	1901—02.....	3,564,172
1902—03.....	34,570,000	1902—03.....	5,776,571
1903—04.....	29,750,000	1903—04.....	4,420,892
1904—05.....	31,312,000	1904—05.....	4,934,008
1905—06.....	41,000,000	1905—06.....	1,345,000
1906—07.....	42,500,000	1906—07.....	1,450,000

NOTE—Three-quarters of the brandy produced is used in the fortification of wines, the remaining one-quarter being sold as commercial brandy.

SALMON

The receipts of canned salmon at San Francisco during the past four years were as follows:

Months	1907 Cases	1906 Cases	1905 Cases	1904 Cases
January.....	9,264	6,241	5,321	2,361
February.....	4,149	5,879	5,819	6,614
March.....	1,950	1,628	980	2,278
April.....	1,150	2,132	2,204	614
May.....	15,775	2,149	1,957	6,643
June.....	2,131	3,617	3,358	565
July.....	1,850	2,142	1,999	3,158
August.....	77,877	20,794	25,636	45,917
September.....	706,520	1,162,378	1,027,316	926,158
October.....	254,782	412,258	309,457	277,949
November.....	167,491	13,114	9,949	152,696
December.....	19,333	27,137	23,437	11,256
Totals*	1,262,272	1,659,569	1,417,433	1,436,209

*In addition to the above there were received during 1905 20,606 barrels of salt salmon, during 1906 about 18,000 bbls., and 17,675 bbls. during 1907.

PACIFIC COAST SALMON PACK

The total pack of the Pacific Coast Canneries for the past year and the three preceding years, were as follows:

Location	1907 Cases	1906 Cases	1905 Cases	1904 Cases
Alaska Companies.	2,149,742	2,215,201	1,878,905	1,953,746
British Columbia...	547,459	500,000	1,079,944	465,894
Puget Sound.....	709,155	430,602	1,017,279	296,272
Columbia River.....	280,750	300,000	404,661	423,073
Sacramento.....	5,600	4,000	21,408	19,216
Various Rivers.....	165,000	187,500	114,258	165,453
Totals	3,857,706	3,637,303	4,516,455	3,323,654

EXPORTS BY SEA

The exports of packed Salmon from San Francisco by sea during two years and the totals for a number of years preceding were as follows:

To	1907			1906		
	Cases	Barrels	Values	Cases	Barrels	Values
Eastern States.....	141,916	3,879	\$594,832	105,712	2,642	\$446,520
Australia	35,872	2,412	161,378	32,970	2,846	161,212
New Zealand.....	4,086	134	17,416	3,212	108	15,140
England	396,410	264	1,577,752	354,918	182	1,421,583
China.....	6,154	42	24,952	6,214	26	25,120
India	3,490	8	14,024	2,164	2	8,562
Tahiti	2,104	392	11,552	2,248	418	13,175
Japan	27,216	278	111,088	35,408	316	144,817
Samoa Islands....	3,160	178	14,064	4,044	160	17,658
Central America..	1,081	6	4,272	871	.....	3,461
Philippine Isl' ds..	1,207	14	4,940	918	6	3,740
Mexico	986	.....	3,944	952	.....	3,815
Colombia	128	2	528	183	.....	770
Germany	118	2	488	102	.....	402
France.....	38	3	176	46	4	212
South Africa	716	.....	2,864	812	2	3,265
Hawaii	10,460	4,181	75,088	8,908	6,429	100,104
Chili.....	6,324	6	25,344	5,246	.....	20,980
Peru.....	1,012	3	4,072	814	2	3,270
Ecuador	572	3	2,312	468	2	1,788
Barbadoes	212	.....	428	508	.....	2,030
Dutch Guiana.....	84	.....	336	204	.....	812
Panama	10	4	72	.....	2	18
Trinidad Islands..	308	16	1,360	212	21	1,050
Jamaica	204	.....	816	316	4	1,284
Marshall Islands..	192	4	800	284	.....	1,127
Fiji Islands.....	86	12	428	60	24	476
Friendly Islands..	102	14	520	96	20	580
New Caledonia....	58	.....	232	54	4	248
Pacific Islands....	118	4	504	48	2	206
Korea	24	18	240	26	14	240
Elsewhere.....	112	11	536	8	.....	75
Totals.....	644,560	11,890	\$2,597,378	568,025	13,236	\$2,304,640

The annual totals for a series of years past make the following showing:

	Cases	Barrels	Values		Cases	Barrels	Values
1905..	679,846	16,624	\$2,883,024	1896..	707,903	10,693	\$3,026,888
1904..	940,969	11,998	4,121,569	1895..	902,089	11,072	3,711,686
1903..	748,706	11,819	3,136,542	1894..	640,163	7,753	2,704,728
1902..	793,156	11,845	3,048,268	1893..	203,316	7,373	1,027,051
1901..	804,347	9,839	3,623,746	1892..	758,517	5,946	3,490,877
1900..	856,594	15,734	3,602,562	1891..	464,291	11,982	2,091,292
1899..	694,866	27,146	2,946,028	1890..	480,006	9,751	2,229,313
1898..	703,442	16,727	2,921,178	1889..	475,317	7,011	2,636,361
1897..	789,252	17,066	3,338,331				

The following statement shows the product of the Pacific Coast for a series of years, in cases.

Year	Columbia River	Sacramento River	Outside Rivers	Puget Sound	British Columbia	Alaska	Totals
1866	4,000	.....	.....	.....	.....	.....	4,000
1867	18,000	.....	.....	.....	.....	.....	18,000
1868	28,000	.....	.....	.....	.....	.....	28,000
1869	100,000	.....	1,500	.....	.....	.....	101,500
1870	150,000	.....	2,200	.....	1,800	.....	154,000
1871	200,000	.....	2,700	.....	2,500	.....	205,200
1872	250,000	.....	3,000	.....	3,200	.....	256,200
1873	250,000	1,000	6,000	.....	4,000	.....	261,000
1874	350,000	2,500	9,750	.....	8,200	2,400	372,850
1875	375,000	3,000	16,800	.....	6,270	3,100	404,170
1876	450,000	8,300	25,600	.....	9,847	2,800	496,547
1877	460,000	21,500	24,800	.....	67,387	5,200	578,887
1878	460,000	36,500	30,000	.....	113,601	8,159	648,260
1879	480,000	31,000	30,000	.....	57,394	12,530	610,924
1880	630,000	51,000	37,200	1,200	61,300	6,539	787,239
1881	551,000	181,200	48,500	2,200	175,675	8,977	967,552
1882	541,300	200,300	49,000	1,500	255,061	10,244	1,057,405
1883	629,400	160,000	38,000	3,000	243,000	36,000	1,109,400
1884	656,179	81,450	41,350	3,600	138,945	54,000	975,524
1885	524,530	48,500	51,750	4,200	106,865	74,850	810,695
1886	454,943	39,300	131,100	4,500	163,004	120,700	913,547
1887	373,800	36,500	195,400	2,200	201,990	190,200	1,000,090
1888	367,750	58,000	154,000	4,000	135,600	427,372	1,146,722
1889	325,500	66,666	199,068	5,000	414,400	709,347	1,719,981
1890	433,500	35,006	67,117	8,000	409,464	688,332	1,641,419
1891	390,183	4,142	66,805	11,500	314,813	789,294	1,576,737
1892	481,900	4,600	144,200	15,000	221,797	461,482	1,325,979
1893	425,200	23,336	119,660	66,500	590,229	645,545	1,870,470
1894	511,000	28,463	118,500	67,933	494,470	678,501	1,898,867
1895	617,460	24,000	264,300	52,000	512,877	619,379	2,090,016
1896	463,621	13,387	115,400	248,200	598,300	958,700	2,397,608
1897	552,721	42,500	68,683	423,500	1,015,477	969,850	3,072,731
1898	473,230	28,000	78,600	417,700	454,500	956,979	2,409,009
1899	340,125	33,550	82,432	871,500	711,600	1,098,833	3,138,040
1900	313,417	34,000	106,300	478,742	527,281	1,534,745	2,904,485
1901	248,494	17,500	123,326	1,380,590	1,236,156	2,034,895	5,040,966
1902	367,241	14,043	134,190	563,307	625,982	2,554,423	4,259,181
1903	339,366	10,491	63,706	473,607	473,547	2,251,085	3,609,411
1904	423,073	19,698	164,791	296,574	465,894	1,953,746	3,323,654
1905	335,000	3,900	190,000	885,400	1,155,000	1,861,000	4,454,900
1906	300,000	4,000	155,506	430,602	500,000	2,215,201	3,637,303
1907	280,750	5,600	165,000	709,155	547,459	2,149,742	3,857,706

IMPORTS OF TEA

The following shows all the imports of Tea at San Francisco from China and Japan from 1860 to 1883, both years inclusive; and the quantities credited to San Francisco since 1883, during which latter period in transit shipments to the East were not included in the statistics of the Custom House at San Francisco:

YEAR	CHINA		JAPAN		TOTALS	
	Pounds	Value	Pounds	Value	Pounds	Value
1860.....	965,543	\$ 265,292	179,287	\$ 35,374	1,144,830	\$ 300,766
1861.....	1,233,381	307,903	124,236	25,067	1,357,616	322,970
1862.....	1,430,163	423,734	204,015	46,305	1,634,178	470,039
1863.....	1,822,585	439,435	382,633	105,678	2,205,218	545,113
1864.....	1,388,408	364,820	464,796	127,544	1,853,204	492,365
1865.....	700,760	178,333	923,456	236,737	1,624,216	415,070
1866.....	1,042,499	291,389	1,293,650	435,188	2,336,149	726,577
1867.....	1,334,660	445,686	552,070	188,560	1,886,730	634,246
1868.....	876,282	241,492	1,277,862	447,686	2,154,144	689,178
1869.....	725,430	201,264	1,283,023	440,106	2,008,453	641,370
1870.....	981,919	313,969	2,137,144	746,043	3,119,063	1,060,012
1871.....	8,215,439	3,633,221	7,710,389	3,136,827	15,925,828	6,770,148
1872.....	5,709,895	2,512,660	6,881,628	2,768,507	12,591,523	5,281,167
1873.....	4,104,972	1,529,130	8,431,804	3,276,557	12,536,776	4,805,687
1874.....	2,828,570	1,096,480	10,386,331	4,066,758	13,214,901	5,163,238
1875.....	1,881,651	518,926	17,990,578	6,491,368	19,872,229	7,010,294
1876.....	1,095,800	340,391	17,556,236	5,904,400	18,652,036	6,241,871
1877.....	4,721,858	1,550,014	13,507,258	3,906,085	18,229,116	5,456,099
1878.....	3,249,082	1,148,464	13,867,586	3,384,630	17,116,668	4,533,094
1879.....	5,884,856	2,035,813	14,092,816	4,289,169	19,977,672	6,324,982
1880.....	4,997,527	1,513,583	17,081,997	4,674,437	22,079,524	6,188,020
1881.....	5,278,766	1,526,907	12,704,741	4,257,461	17,983,507	5,784,368
1882.....	4,701,588	1,209,870	19,469,028	4,444,458	24,170,616	5,654,328
1883.....	4,775,129	1,098,209	17,194,448	3,048,575	21,969,577	4,146,784
1884.....	2,039,691	467,546	8,536,660	1,287,971	10,576,371	1,755,517
1885.....	1,581,186	305,773	5,205,178	737,476	6,786,784	1,043,249
1886.....	1,035,023	411,134	6,904,729	888,901	8,939,752	1,300,035
1887.....	2,307,186	394,632	5,759,475	746,895	8,066,661	1,141,527
1888.....	1,951,672	349,210	5,743,389	942,305	7,695,061	991,515
1889.....	1,598,767	272,934	5,860,239	656,851	7,459,106	929,785
1890.....	2,001,252	350,055	4,264,663	572,970	6,265,915	923,025
1891.....	2,206,840	390,549	5,033,333	752,259	7,240,173	1,142,808
1892.....	1,872,198	315,040	4,209,835	608,822	6,082,033	923,862
1893.....	2,358,745	384,178	3,721,566	540,419	6,080,311	924,597
1894.....	1,820,606	264,804	3,508,815	431,254	5,329,421	696,058
1895.....	2,330,366	341,222	3,491,695	459,529	5,822,061	800,751
1896.....	1,913,863	283,512	3,601,522	422,313	5,515,385	705,825
1897.....	5,149,896	779,621	9,022,804	1,211,390	14,172,700	1,991,011
1898.....	3,175,071	399,903	4,746,872	659,593	7,921,943	1,059,496
1899.....	4,238,862	468,600	7,494,735	917,698	11,733,597	1,386,298
1900.....	4,435,220	506,757	10,127,267	1,346,596	14,562,487	1,853,353
1901.....	1,891,587	228,970	6,606,152	838,692	8,497,739	1,067,662
1902.....	2,226,584	287,530	3,554,620	581,215	5,781,204	868,745
1903.....	2,956,468	406,822	5,968,805	1,106,347	8,925,277	1,513,169
1904.....	2,784,614	401,210	5,214,182	1,020,362	7,998,796	1,421,572
1905.....	3,167,842	469,279	4,841,972	974,462	8,009,815	1,393,741
1906.....	3,417,862	571,608	5,265,384	1,169,714	8,683,246	1,741,422
1907.....	3,982,428	648,780	5,844,107	1,231,280	9,826,535	1,880,060

TEA

The imports during each month of the last four years, in pounds, are as follows:

Month	1907	1906	1905	1904
January.....	267,918	212,642	204,070	198,474
February.....	162,784	387,571	435,308	125,340
March.....	112,060	126,890	89,146	145,961
April.....	165,428	118,350	143,409	81,430
May.....	108,594	146,127	295,632	91,992
June.....	728,416	894,118	655,097	581,552
July.....	1,142,914	1,278,360	520,821	2,503,723
August.....	1,488,947	1,840,524	2,210,705	1,861,226
September.....	2,712,146	1,971,318	1,776,080	1,147,508
October.....	2,371,914	875,410	604,507	926,932
November.....	706,490	796,360	884,424	435,641
December.....	371,214	572,978	672,312	248,254
Totals.....	10,438,825	9,220,648	8,491,511	8,387,133

The sources of imports during 1907 and the previous year were as follows:

Sources	1907		1906	
	Pounds	Values	Pounds	Values
China.....	3,982,428	\$ 648,780	3,417,862	\$ 571,608
Japan.....	5,844,107	1,231,280	5,265,384	1,169,714
British East Indies.....	580,180	117,408	507,975	96,895
Elsewhere.....	32,110	6,438	29,427	5,207
Totals.....	10,438,825	\$2,003,906	9,220,648	\$1,843,424

Exports by sea during the past two years were as follows:

To	1907		1906	
	Pounds	Values	Pounds	Values
Atlantic States.....	5,214	\$ 1,071	3,895	\$ 814
Mexico.....	26,215	5,188	14,371	2,640
Central America.....	11,208	2,304	9,286	2,187
South America.....	2,472	240	800	180
Hawaii.....	74,965	15,186	50,208	11,263
Pacific Islands.....	2,190	218	1,460	370
Japan.....	30	10	.....	.....
China and Hongkong.....	674	130	812	182
British Columbia.....	1,212	214	420	94
Asiatic Russia.....	.....	.....	3,207	726
Elsewhere.....	1,648	272	514	118
Totals.....	125,828	\$24,833	84,973	\$18,574

SUGAR

The imports during each month of the last four years, in pounds, are as follows:

Month	1907	1906	1905	1904
January.....	18,982,470	17,462,850	16,147,897	276,476
February.....	28,418,062	25,896,410	27,582,976	623,329
March.....	29,385,760	34,762,562	29,861,459	641,333
April.....	39,207,848	39,815,408	42,698,193	247,113
May.....	36,118,312	24,361,765	37,743,323	1,851,192
June.....	54,192,870	41,895,204	51,319,637	2,711,295
July.....	32,356,552	48,371,165	34,222,910	3,346,713
August.....	38,279,942	29,978,820	27,782,114	4,500,670
September.....	31,494,780	34,361,417	19,927,742	3,817,004
October.....	14,702,372	9,874,586	13,923,006	4,429,932
November.....	3,794,612	8,127,060	6,442,226	13,765,984
December.....	1,017,946	4,329,174	3,685,934	506,305
Totals.....	323,951,552	319,236,421	313,337,417	36,717,346

Hawaiian Island sugar is not included prior to 1905.

The sources of imports during the last two years were as follows:

Source	1907		1906	
	Pounds	Values	Pounds	Values
Hawaii.....	309,117,982	\$ 6,120,462	302,490,518	\$ 5,998,962
China.....	2,528,360	52,140	2,304,180	47,170
Guatemala.....	4,318,412	93,978	5,061,328	102,718
Salvador.....	1,826,562	37,460	1,628,500	31,874
Nicaragua.....	3,228,690	66,912	4,096,840	79,217
Mexico.....	2,707,416	57,108	3,302,189	65,740
Elsewhere.....	224,130	4,786	352,866	6,908
Totals.....	323,951,552	\$6,432,846	319,236,421	\$6,332,589

Exports by sea during the last two years were as follows:

To	1907		1906	
	Pounds	Values	Pounds	Values
Atlantic States.....	261,412	\$ 10,861	225,640	\$ 9,172
Mexico.....	304,918	13,210	108,782	4,286
Central America.....	10,107	480	9,140	372
South America.....	42,918	1,712	67,028	2,785
Hawaii.....	924,886	36,070	982,492	39,828
Pacific Islands.....	42,112	1,694	37,504	1,409
Japan.....	238,762	9,562	261,718	10,312
China.....	512,938	21,204	498,312	19,178
Australasia.....	218,496	8,876	274,869	10,891
British Columbia....	131,065	5,290	148,311	5,724
Asiatic Russia.....	.....	.....	172,860	6,844
Elsewhere.....	184,943	7,064	296,137	11,715
Totals.....	2,872,527	\$ 116,023	3,042,793	\$122,516

COFFEE

The imports during each month of the past four years, in pounds, are as follows:

Month	1907	1906	1905	1904
January.....	2,907,488	2,704,851	3,273,964	1,991,648
February.....	6,911,719	3,173,104	2,907,850	2,919,403
March.....	894,598	4,718,928	5,929,448	3,799,475
April.....	2,517,942	2,361,050	4,863,828	3,380,669
May.....	3,747,084	2,578,000	4,488,886	3,539,909
June.....	3,082,854	3,061,250	1,678,696	5,919,595
July.....	1,132,416	1,207,624	1,618,458	1,565,852
August.....	1,028,518	918,695	3,311,280	3,139,646
September.....	728,918	862,314	408,364	1,963,007
October.....	1,047,268	1,121,746	1,978,452	1,022,349
November.....	671,210	964,380	257,984	816,609
December.....	1,162,078	1,271,746	777,974	2,529,293
Totals.....	25,832,093	24,943,688	31,495,184	32,592,455

The sources of imports during the last two years were as follows:

Source	1907		1906	
	Pounds	Values	Pounds	Values
Central America....	22,312,490	\$2,261,340	21,864,318	\$2,098,541
Ecuador.....	538,622	54,942	614,950	60,324
East Indies.....	2,020,104	207,871	1,396,835	135,696
Mexico.....	921,276	93,614	902,320	89,061
Elsewhere.....	39,601	4,012	65,505	6,130
Totals.....	25,832,093	\$2,621,779	24,943,688	\$2,389,752

The exports by sea during the last two years were as follows:

To	1907		1906	
	Pounds	Values	Pounds	Values
Atlantic States.....	5,040	\$ 512	5,182	\$ 504
Europe.....	42,318	4,374	37,290	3,263
Mexico.....	589,630	60,218	609,125	58,017
South America.....	42,188	4,327	47,060	4,560
Hawaii.....	107,276	11,496	104,112	9,279
Pacific Islands.....	7,248	746	8,096	765
Philippine Islands.	32,169	3,412	29,075	2,871
Japan.....	35,492	3,795	38,198	3,604
China & Hongkong.	164,718	16,987	181,260	17,328
Australasia.....	296,184	30,342	387,954	36,020
British Columbia...	172,290	18,160	161,362	15,814
Elsewhere.....	52,165	5,374	48,955	4,621
Totals.....	1,536,718	\$159,743	1,657,669	\$156,646

RICE

The imports during each month of the last four years, in pounds, are as follows:

Month	1907	1906	1905	1904
January.....	5,281,378	3,679,840	4,021,549	3,594,541
February.....	5,449,672	5,487,918	8,701,263	7,636,336
March.....	4,834,315	6,349,207	4,195,902	4,214,552
April.....	3,231,560	2,104,370	3,511,449	2,430,359
May.....	2,408,317	207,490	862,084	934,139
June.....	1,409,836	572,308	768,072	2,836,645
July.....	872,420	186,274	222,188	1,000,039
August.....	318,667	892,306	1,196,417	446,858
September.....	968,219	718,890	993,685	183,105
October.....	4,028,126	1,461,560	1,318,687	357,820
November.....	729,104	1,574,214	827,872	392,837
December.....	2,307,519	1,628,390	3,152,562	1,264,756
Totals.....	31,839,183	24,862,767	29,771,630	25,291,987

The sources of imports during the last two years were as follows;

Sources	1907		1906	
	Pounds	Values	Pounds	Values
China.....	24,864,972	\$682,372	18,928,470	\$491,628
Japan.....	6,018,412	170,494	5,402,926	132,964
Italy.....	249,860	7,270		
Elsewhere.....	705,939	20,195	531,371	17,651
Totals.....	31,839,183	\$880,331	24,862,767	\$642,243

Exports by sea during the last two years were as follows:

To	1907		1906	
	Pounds	Values	Pounds	Values
Atlantic States.....	25,975	\$ 760	31,862	\$ 928
Mexico.....	712,462	22,641	740,651	23,270
Central America....	2,007,812	60,212	2,104,718	60,847
South America.....	154,309	4,628	112,696	3,146
Hawaii.....	4,212,186	123,765	4,028,304	102,975
Pacific Islands.....	387,219	12,279	416,852	11,361
Japan.....	4,060	154	3,620	94
China & Hongkong..	21,128	635	24,715	602
Australasia.....	14,276	446	12,520	317
British Columbia...	18,140	562	19,105	478
Asiatic Russia.....	.....	.....	143,050	3,861
Panama.....	204,169	6,476	216,842	5,487
Elsewhere.....	70,250	2,284	93,164	2,803
Totals.....	7,611,986	\$234,842	7,948,099	\$216,169

WHALEBONE AND OIL

The receipts of Bone and Oil at this port by the whaling fleet of 1905 were comparatively small. Only eight vessels arrived, and for the first year in the history of the business there was no Ivory brought to port. The details of the year's business in this line is as follows:

Received Per	Arrived	Oil, bbls.	Bone, lbs.
Gay Head.....	Oct. 25.....	418	2,000
Monterey.....	Nov. 2.....	.....	2,400
Alice Knowles.....	Nov. 2.....	700	1,800
William Baylies.....	Nov. 3.....	.....	25,000
California.....	Nov. 3.....	350	2,000
Andrew Hicks.....	Nov. 15.....	250	1,000
John & Winthrop.....	Nov. 20.....	230	3,000
Gotama.....	Nov. 21.....	125	1,350
Totals.....	.....	2,073	38,550

The receipts of Oil, Bone and Ivory at San Francisco from the Arctic during the season of 1906 were as follows:

Received Per	Arrived	Oil, bbls	Bone, lbs.	Ivory, lbs.
Jeannette.....	Nov. 5.....	60	.....	.....
John & Winthrop..	Nov. 6.....	200	3,000	.....
William Baylies....	Nov. 7.....	.....	2,970	.....
Thrasher.....	Nov. 7.....	175	1,800	235
Alice Knowles.....	Nov. 8.....	600	.....	.....
Gotama.....	Nov. 8.....	140	2,400	.....
Belvedere.....	Nov. 10.....	40	1,800	.....
Beluga.....	Nov. 11.....	140	14,000	.....
Bowhead.....	Nov. 12.....	370	5,200	.....
Andrew Hicks.....	Nov. 16.....	750	.....	.....
Totals.....	.....	2,475	31,170	235

The arrivals and receipts during 1907 were as follows:

Received Per	Arrived	Oil, bbls.	Bone, lbs.	Ivory, lbs.
Narwhal.....	Oct. 9.....	100	26,000	50
Jeanette.....	Nov. 1.....	.....	11,000	.....
Bowhead.....	Nov. 2.....	.....	16,500	.....
Beluga.....	Nov. 6.....	.....	16,000	.....
William Baylies....	Nov. 7.....	.....	12,000	850
Herman.....	Nov. 8.....	.....	21,600	.....
Thrasher.....	Nov. 8.....	.....	11,700	.....
Belvedere.....	Nov. 8.....	.....	11,500	.....
John & Winthrop..	Nov. 25.....	200	2,500	.....
Totals.....	.....	300	128,800	900

San Francisco is the leading whaling port of the world, and the product of the industry for a series of years has been as follows:

Years	Vessels	Oil, bbls.	Bone, lbs.	Ivory, lbs.
1874.....	11	10,300	86,300	7,600
1875.....	12	16,300	157,000	25,400
1876.....	7	2,800	8,800	7,000
1877.....	20	13,900	139,600	74,000
1878.....	21	9,600	73,300	30,000
1879.....	22	17,400	127,500	32,900
1880.....	20	23,200	339,000	15,300
1881.....	26	21,800	354,500	15,400
1882.....	30	21,100	316,600	17,800
1883.....	37	13,300	160,200	23,100
1884.....	40	20,373	295,700	5,421
1885.....	43	30,143	448,075	7,066
1886.....	43	20,661	332,931	5,273
1887.....	41	32,884	603,400	550
1888.....	42	16,083	275,700	14,700
1889.....	48	12,019	216,775	1,130
1890.....	44	14,985	247,360	4,000
1891.....	46	12,124	220,650	1,300
1892.....	42	12,700	416,850	15,800
1893.....	50	6,935	310,200	8,600
1894.....	18	8,409	240,050	7,367
1895.....	15	4,147	104,595	4,415
1896.....	23	6,052	189,212	6,470
1897.....	13	5,280	141,470	5,500
1898.....	20	7,603	225,225	9,510
1899.....	18	6,221	306,125	6,430
1900.....	19	4,910	177,700	580
1901.....	16	6,745	76,680	1,139
1902.....	21	10,976	110,662	15,566
1903.....	19	6,487	64,790	1,536
1904.....	23	6,940	85,188	697
1905.....	8	2,073	38,550	.....
1906.....	10	2,475	31,170	235
1907.....	9	300	128,800	900
Totals.....	878	486,075	6,242,638	372,685

COAL, COKE AND IRON

The annual receipts of Coal and the various sources of supply during the past year and the three preceding years were as follows:

Sources	1907 Tons	1906 Tons	1905 Tons	1904 Tons
British Columbia	312,419	318,712	348,515	335,137
Australia	77,810	62,950	85,031	148,409
English and Welsh	61,734	67,362	65,087	64,664
Scotch				1,666
Eastern (Cumberland and Anthracite)	18,146	14,967	11,663	29,055
Seattle (Washington)	87,412	98,751	84,965	139,063
Tacoma (Washington)	89,028	91,260	81,480	182,313
Mt. Diablo, Coos Bay and Tesla	104,942	108,195	114,930	96,520
Japan, and Rocky Mountains by rail	52,265	49,852	40,219	54,245
Totals	797,756	811,947	831,890	1,051,072

The apparent diminished quantity of coal was much more than made good by an output the past year of fully 3,000,000 barrels of fuel oil in excess of 1906. The quantity of coal shipped here from British Columbia continues liberal, and the Australian total was slightly larger. A new feature has recently developed itself in Colonial deliveries being made here by steamers; with freight at about 16s per ton, and with the duty of 67c per ton, the importers receive a very small compensation for the coal, or about one-half the amount demanded for British Columbia coal at port of shipment.

The quotations for coal of all grades ruled quite steady throughout the year; the prices of steam grades have favored the buyers, having fuel oil for a close competitor. This has not been an advantageous port for coal carriers to come to, for on arrival here they find no profitable outward business, either for lumber or cereals.

COKE.

The total deliveries here by sail during 1907 aggregate 72,146 tons, a little more than for the preceding year.

PIG IRON.

The total importations of foreign pig iron into this port during 1907 were 15,276 tons. Over 70 per cent was shipped from Great Britain alone.

CRUDE OIL PRODUCTION

The output of petroleum oil in California during the last three years and the stocks on hand at the close of last year, are shown as follows:

PRODUCING FIELDS	1907 BARRELS	1906 BARRELS	1905 BARRELS
Coalinga.....	8,742,700	8,575,000	8,869,000
Santa Maria and Lompoc....	5,860,000	5,500,000	5,300,000
Kern River.....	16,030,000	15,000,000	14,000,000
Los Angeles.....	2,850,000	2,800,000	3,000,000
Sunset.....	420,000	450,000	400,000
Midway.....	8,000	10,000	5,000
McKittrick.....	864,000	850,000	720,000
Newhall and Ventura.....	575,000	525,000	500,000
Fullerton and Brea Canyon.	1,800,000	1,700,000	1,750,000
Whittier and Puente.....	975,000	950,000	960,000
Summerland.....	100,000	80,000	75,000
Sargents.....	30,000	25,000	20,000
Half Moon Bay.....	6,000	5,000	2,000
Arroyo Grande.....	4,500	4,000	5,000
Total Barrels.....	38,265,200	36,474,000	35,671,000
Average daily yield, barrels..	104,836	99,928	96,000

PRODUCING FIELDS	FIELD STOCKS Dec. 31, 1907	FIELD STOCKS Dec. 31, 1906	FIELD STOCKS Dec. 31, 1905
Kern River.....	14,000,000	12,250,000	15,000,000
Santa Maria and Lompoc...	950,000	1,125,000	1,310,000
Los Angeles and Salt Lake	375,000	300,000	350,000
Coalinga.....	100,000	60,000	30,000
Fullerton and Brea Canyon	60,000	40,000	100,000
Puente and Whittier.....	125,000	120,000	160,000
Newhall.....	50,000	40,000	50,000
Ventura.....	75,000	50,000	60,000
Summerland.....	6,000	10,000	.....
Sunset.....	250,000	225,000	350,000
Midway.....	25,000	30,000	75,000
McKittrick.....	90,000	100,000	120,000
Sargents.....	3,000	.....	.....
Arroyo Grande.....	5,000	3,000	5,000
Half Moon Bay.....	2,000	1,000	3,000
Total.....	15,816,000	14,354,000	17,613,000

Field Stocks include oil in receiving tanks awaiting shipment.

The wells in operation in each district during the past three years are shown as follows:

DISTRICTS	1907	1906	1905
	Wells Producing	Wells Producing	Wells Producing
Kern River.....	708	694	680
Santa Maria and Lompoc.....	102	97	73
Los Angeles and Salt Lake.....	314	306	300
Coalinga.....	264	258	243
Fullerton and Brea Canyon.....	156	152	150
Puente and Whittier.....	102	98	94
Newhall.....	57	54	52
Ventura.....	242	248	246
Summerland.....	127	123	120
Sunset.....	44	40	38
Midway.....	28	23	21
McKittrick.....	102	94	90
Sargents.....	10	7	5
Arroyo Grande.....	6	4	1
Half Moon Bay.....	3	3	2
Totals.....	2,265	2,201	2,116

The output of Crude Oil exported during 1907 was in the neighborhood of 1,000,000 barrels; in 1906 it was about 860,000 barrels; while the manufacture of Kerosene has consumed about 4,000,000 barrels each year. Statistics as to the quantity utilized in sprinkling roads and the manufacture of Lubricating Oils and Naphtha have not yet been compiled. The Railroads of the State are computed to be consuming about 15,000,000 barrels annually, proving that Fuel Oil discovery in California and the low prices at which it is being produced have proved a greater boon to railroads than any other line of commerce.

Stock of oil in tankage and reservoirs, 15,816,000 barrels.

The production of the State varies in gravity from 9° Beaume, the lowest gravity in the Sunset field, to 38° B., the highest gravity in the Newhall field.

The depth of the producing wells ranges from 2000 feet at Summerland to 2500 feet at Fullerton.

The bulk of the kerosene used on the Pacific Coast is now being refined from California oil. The lubricating oils used on the Pacific Coast are practically all of California production.

THE YIELD OF OIL

The annual output in California for a series of years is as follows:

YEAR	BARRELS	VALUE
1870.....	3,600	\$ 5,125
1871.....	5,200	7,370
1872.....	6,500	9,876
1873.....	7,200	10,920
1874.....	7,700	11,540
1875.....	8,400	12,090
1876.....	9,600	15,410
1877.....	12,750	18,140
1878.....	15,227	22,780
1879.....	19,858	29,672
1880.....	42,399	68,450
1881.....	99,862	130,678
1882.....	128,636	172,730
1883.....	142,857	207,540
1884.....	262,000	428,600
1885.....	325,000	613,920
1886.....	377,145	642,785
1887.....	678,572	1,357,144
1888.....	690,333	1,380,666
1889.....	303,220	368,048
1890.....	307,360	384,200
1891.....	323,600	401,264
1892.....	385,049	561,333
1893.....	470,179	608,092
1894.....	783,078	1,064,521
1895.....	1,245,339	1,000,235
1896.....	1,257,780	1,180,793
1897.....	1,911,569	1,918,269
1898.....	2,249,088	2,376,420
1899.....	2,677,875	2,660,793
1900.....	4,329,950	4,152,928
1901.....	8,754,500	7,487,600
1902.....	13,973,500	10,269,385
1903.....	24,337,828	16,521,400
1904.....	28,476,025	19,896,702
1905.....	35,671,000	23,381,150
1906.....	36,474,000	26,029,155
1907.....	38,265,200	28,708,750

Valuations are based on selling prices at tidewater.

ELECTRIC POWER

The leading facts and statistics relative to the electric power stations in California on the dates given are shown as follows:

Items	July 1, 1907	July 1, 1905
Number of plants	128	120
Cost of Construction.....	\$42,784,900	\$37,681,778
Yearly earnings from operation		
Arc Lights—		
Private use.....	\$670,428	\$527,727
Public use.....	518,963	496,520
Incandescent Lights—		
Private use.....	2,644,850	2,382,382
Public use.....	97,274	84,939
Electric Railway service	194,615	189,322
Motor service.....	1,317,728	1,230,806
Other electric service	237,496	231,662
All other sources	126,792	122,399
Total earnings.....	\$5,818,146	\$5,265,757
Yearly expenses for operation—		
Salaries and wages	\$1,412,076	\$1,315,226
Supplies, materials and fuel.....	1,507,624	1,453,025
Rents, taxes and sundries.....	702,815	688,695
Interest on bonds.....	798,520	727,038
Total expenses	\$4,421,035	\$4,183,984
Horse Power—		
Steam engines, No.....	168	154
Horse power	72,540	59,350
Water wheels, No.....	156	140
Horse power	106,820	90,180
Gas engines, No.....	12	8
Horse power	18,460	1,012
Auxiliary engines, No.....	58	49
Horse power	3,240	1,860
Total Horse power	201,454	152,402
Dynamo capacity—		
Number in use	512	409
Horse power	132,360	127,302
Direct current constant voltage, No.....	142	134
Horse power	22,496	18,280
Direct current constant amperage, No.....	92	84
Horse power	620	464
Alternating and polyphase current, No.....	204	189
Horse power	104,860	92,143
Transmission wire, miles	6,728	5,510
No. of arc lights in use	25,860	18,994
No. of incandescent lights in use.....	1,361,420	1,063,279
Employes and salaries—		
Officials and clerks	578	434
Annual salaries.....	\$502,720	\$444,980
Wage earners	1,912	1,060
Annual wages.....	\$915,670	\$799,250

QUICKSILVER

The receipts at San Francisco from California mines during the past four years were as follows:

Months	1907 Flasks	1906 Flasks	1905 Flasks	1904 Flasks
January	700	1,782	1,528	2,311
February	1,142	1,462	1,781	2,394
March.....	2,041	2,100	2,864	2,010
April.....	1,124	1,620	1,408	2,205
May	1,051	250	1,736	1,715
June	766	1,030	1,740	2,162
July.....	804	1,660	1,367	1,783
August	1,607	1,601	1,348	1,637
September	618	806	1,237	1,834
October	995	1,508	1,764	2,613
November	988	1,018	990	3,161
December	1,206	1,800	1,530	1,907
Totals	13,042	16,642	19,276	25,732

EXPORTS BY SEA

To	1907		1906	
	Flasks	Values	Flasks	Values
Mexico	3,168	\$117,480	3,628	\$137,862
China	2,100	78,200	2,400	91,200
Central America	948	30,112	1,072	40,732
British Columbia.....	60	2,246	84	3,172
New York	3,780	140,118	5,014	190,532
Japan	1,660	61,560	2,462	93,556
Siberia			4	158
Chili	8	310	12	468
Korea	20	772	30	1,170
Australia	16	614	22	880
Panama	2	79		
Ecuador.....	8	304	4	160
Manila	10	385	12	480
Hawaii	4	155	2	80
Totals	11,784	\$432,335	14,746	\$560,450

The annual production of Quicksilver in California and the exports from San Francisco for a series of years are as follows:

PRODUCTION		EXPORTS	
YEAR	FLASKS	YEAR	FLASKS
1853.....	22,284	1853.....	12,737
1854.....	30,004	1854.....	20,963
1855.....	33,000	1855.....	27,165
1856.....	30,000	1856.....	23,740
1857.....	28,204	1857.....	27,262
1858.....	31,000	1858.....	24,142
1859.....	13,000	1859.....	3,399
1860.....	10,000	1860.....	9,448
1861.....	35,000	1861.....	35,995
1862.....	42,000	1862.....	33,747
1863.....	40,531	1863.....	26,014
1864.....	47,489	1864.....	36,927
1865.....	53,000	1865.....	42,469
1866.....	46,550	1866.....	30,287
1867.....	47,000	1867.....	28,853
1868.....	47,728	1868.....	44,506
1869.....	33,811	1869.....	24,415
1870.....	30,077	1870.....	13,788
1871.....	31,686	1871.....	15,205
1872.....	31,621	1872.....	13,089
1873.....	27,642	1873.....	6,395
1874.....	27,756	1874.....	6,770
1875.....	50,250	1875.....	28,960
1876.....	75,074	1876.....	41,140
1877.....	79,396	1877.....	46,280
1878.....	63,880	1878.....	34,280
1879.....	73,684	1879.....	52,180
1880.....	59,926	1880.....	34,648
1881.....	60,851	1881.....	35,269
1882.....	52,732	1882.....	40,166
1883.....	46,725	1883.....	37,873
1884.....	31,913	1884.....	21,896
1885.....	32,073	1885.....	25,495
1886.....	29,981	1886.....	10,030
1887.....	33,760	1887.....	21,137
1888.....	33,250	1888.....	16,620
1889.....	26,464	1889.....	12,078
1890.....	22,926	1890.....	5,640
1891.....	22,904	1891.....	13,654
1892.....	27,993	1892.....	27,108
1893.....	30,164	1893.....	28,326
1894.....	30,416	1894.....	28,884
1895.....	36,104	1895.....	30,687
1896.....	30,765	1896.....	27,048
1897.....	26,648	1897.....	24,864
1898.....	31,092	1898.....	6,077
1899.....	29,454	1899.....	10,155
1900.....	26,317	1900.....	7,294
1901.....	25,492	1901.....	5,337
1902.....	26,184	1902.....	9,826
1903.....	29,362	1903.....	16,741
1904.....	36,218	1904.....	23,184
1905.....	28,412	1905.....	16,832
1906.....	26,176	1906.....	14,746
1907.....	24,387	1907.....	11,784

* The exports do not include shipments from State by land since 1897.

RECEIPTS OF DAIRY PRODUCE

The monthly receipts of butter at San Francisco during the last four years, were as follows:

Months	1907 Pounds	1906 Pounds	1905 Pounds	1904 Pounds
January.....	941,827	627,400	799,200	674,000
February.....	933,629	974,505	1,076,842	938,300
March.....	1,183,261	2,070,119	1,924,719	1,233,400
April.....	1,455,331	851,614	1,994,702	1,391,000
May.....	1,886,980	.....	2,880,781	2,112,200
June.....	1,484,500	.....	1,773,378	1,744,100
July.....	2,019,500	247,341	1,735,902	2,535,900
August.....	1,590,000	1,305,268	2,020,463	1,003,800
September.....	1,496,480	667,889	940,147	564,500
October.....	1,815,100	728,200	833,699	604,300
November.....	972,700	1,095,839	930,917	648,700
December.....	945,500	714,207	539,198	885,800
Total.....	16,724,808	9,282,382	17,449,948	14,336,000

The monthly receipts of cheese for four years are shown as follows:

Months	1907 Pounds	1906 Pounds	1905 Pounds	1904 Pounds
January.....	781,162	320,600	296,963	311,900
February.....	769,341	344,292	335,329	453,500
March.....	589,810	659,660	543,871	765,700
April.....	818,335	288,174	555,287	556,100
May.....	1,035,421	.....	880,518	553,900
June.....	844,800	.....	658,185	540,000
July.....	846,700	276,492	827,125	448,400
August.....	986,730	721,508	757,948	457,300
September.....	768,300	379,685	529,410	395,000
October.....	810,140	471,085	420,468	411,500
November.....	606,200	768,410	723,801	422,200
December.....	649,100	392,627	316,134	420,600
Total.....	9,506,039	4,622,533	6,845,039	5,736,100

The monthly receipts of eggs during the last four years is shown as follows:

Months	1907 Dozens	1906 Dozens	1905 Dozens	1904 Dozens
January.....	462,000	377,220	391,440	675,330
February.....	779,400	891,690	485,670	843,750
March.....	1,493,790	1,729,950	1,133,700	1,240,420
April.....	1,906,440	270,440	1,033,380	1,239,350
May.....	1,531,470	.....	1,356,750	1,159,170
June.....	867,810	.....	1,200,600	1,040,520
July.....	1,081,860	90,750	779,610	1,033,410
August.....	1,106,010	136,290	982,320	671,850
September.....	559,350	84,670	599,430	471,700
October.....	681,090	119,980	528,990	435,570
November.....	451,560	137,030	389,190	405,870
December.....	462,300	274,196	336,210	372,180
Totals.....	11,383,180	4,112,216	9,217,290	9,589,120

The receipts of butter, cheese and eggs at San Francisco for a series of years past, were as follows:

YEARS	BUTTER Lbs.	CHEESE Lbs.	EGGS Doz.
1903.....	13,569,600	6,204,700	10,056,830
1902.....	14,801,150	5,562,300	8,551,754
1901.....	14,971,780	3,980,870	8,324,990
1900.....	14,564,100	5,409,155	5,506,896
1899.....	13,807,300	6,092,840	7,120,654
1898.....	15,606,050	4,777,300	6,101,405
1897.....	14,634,000	6,036,420	5,442,202
1896.....	13,769,850	5,124,660	4,941,967
1895.....	14,344,300	5,257,900	4,932,204
1894.....	17,257,100	6,689,620	4,881,375
1893.....	17,037,900	6,750,000	4,715,711
1892.....	14,677,300	7,497,900	5,308,908
1891.....	12,881,950	6,637,600	5,070,668
1890.....	12,583,400	6,835,700	6,122,776
1889.....	12,123,200	5,889,000	5,836,203

DAIRY PRODUCTS

The annual value of the products of the dairies of California are shown as follows:

1903

Value of 34,786,289 pounds of butter.....	\$8,669,077
Value of 7,218,639 pounds of cheese	856,996
Value of 126,878 cases of condensed milk and cream	621,233
Value of milk and cream consumed	6,682,738
Value of calves from dairy cows	1,724,844
Value of hogs produced on dairies and creameries.....	1,881,264
Total.....	\$20,436,152

1904

Value of 35,636,969 pounds of butter.....	\$8,374,673
Value of 6,133,898 pounds of cheese	613,898
Value of 186,905 cases of condensed milk and cream.....	747,620
Value of milk and cream consumed	7,016,872
Value of calves from dairy cows	1,820,864
Value of hogs produced on dairies and creameries	1,801,640
Total	\$20,375,567

1905

Value of 41,961,047 pounds of butter.....	\$10,490,262
Value of 6,020,072 pounds of cheese	722,480
Value of 244,878 cases of condensed milk.....	820,341
Value of milk and cream consumed.....	6,279,222
Value of calves produced on dairies	1,750,000
Value of skim milk from butter production.....	1,510,597
Total	\$21,572,902

1906

Value of 44,044,878 pounds of butter.....	\$11,671,814
Value of 6,418,480 pounds of cheese.....	815,146
Value of 113,025 cases of condensed milk	378,633
Value of milk and cream consumed	6,467,598
Value of calves produced on dairy farms	1,837,500
Value of skim milk from butter production.....	1,586,120
Total	\$22,756,811

1907

Value of 45,128,214 pounds of butter	\$11,728,053
Value of 10,028,116 pounds of cheese	1,562,338
Value of 168,982 cases of condensed milk and cream.....	675,928
Value of milk and cream consumed.....	7,128,265
Value of calves from dairy cows.....	1,826,274
Value of hogs produced on dairies and creameries.....	1,572,870
Total.....	\$24,493,728

HOPS

The monthly shipments from San Francisco by sea during the last three years were as follows:

Month	1907		1906		1905	
	Pounds	Value	Pounds	Value	Pounds	Value
January	56,416	\$ 9,477	50,857	\$ 5,214	12,757	\$ 1,914
February.....	5,482	1,158	55,681	5,676	40,678	6,601
March	27,912	4,301	63,548	6,314	27,426	4,613
April	4,964	878	15,596	1,621	28,786	4,517
May	1,500	215	14,650	1,594	8,139	1,120
June.....	5,844	897	8,862	962	12,663	2,299
July	3,321	605	16,420	1,719	5,652	847
August.....	3,685	626	2,125	241	2,380	357
September ...	61,633	11,882	19,328	2,016	83,968	12,895
October.....	86,781	12,970	98,393	9,927	150,397	22,759
November.....	50,851	6,642	25,533	2,612	150,258	22,538
December.....	156,252	13,279	58,368	5,974	203,720	30,859
Totals	464,641	\$62,930	429,361	\$43,450	726,833	\$111,319

The destinations of the exports during the last three years were as follows:

To	1907		1906		1905	
	Pounds	Value	Pounds	Value	Pounds	Value
New Zealand	16,248	\$ 2,156	18,748	\$ 1,930	28,417	\$ 6,262
Australia.....	208,620	28,750	234,918	23,072	341,612	51,241
Hawaiian Islands	39,862	5,294	23,907	2,481	42,108	6,316
China.....	16,754	2,170	14,430	1,470	27,413	4,111
Mexico	2,260	259	1,263	130	2,160	324
Central America..	3,418	441	2,182	241	4,210	631
Japan	8,270	1,180	9,478	1,012	12,449	1,867
India	42,316	5,319	34,817	3,574	79,840	11,976
British Columbia	19,694	2,468	13,675	1,408	28,600	4,290
England	640	96	518	52	496	74
South America.....	5,376	784	4,748	479	6,290	943
Pacific Islands.....	1,080	178	907	92	1,150	172
Manila.....	2,172	248	1,689	184	2,642	396
Siberia.....	160	22	98	98	140	21
Siam.....	142	19	174	189	162	24
Eastern States	93,788	13,168	52,918	5,357	126,404	18,960
Elsewhere.....	4,841	378	14,891	1,681	24,740	3,711
Totals	464,641	\$62,930	429,361	\$43,450	726,833	\$111,319

LUMBER

The receipts of Pine, Spruce and Fir lumber in feet, at San Francisco, from California mills during the past four years were as follows:

Month	1907	1906	1905	1904
January	103,542,000	32,026,000	40,756,000	31,530,609
February	67,882,000	36,299,000	30,063,000	24,829,370
March	82,351,000	41,131,791	35,172,085	34,553,401
April	91,314,312	26,926,595	34,514,005	31,351,463
May	73,975,000	34,072,000	37,689,000	35,500,899
June	52,547,000	52,881,000	49,794,549	39,408,916
July	58,083,000	54,457,000	49,103,628	43,468,951
August	45,329,000	80,847,000	37,997,587	61,250,000
September	58,423,000	72,059,000	42,343,367	45,123,000
October	58,979,000	80,681,000	52,178,675	35,813,000
November	44,224,354	96,254,611	31,230,000	22,933,000
December	46,890,000	78,191,000	42,570,000	32,631,987
Totals	783,569,666	685,825,997	483,411,896	438,394,596

The monthly receipts of California Redwood Lumber at San Francisco during 1907 and the three preceding years, in feet, were as follows:

Month	1907	1906	1905	1904
January	20,982,478	19,487,628	15,479,169	18,314,489
February	22,469,907	21,318,402	17,268,401	16,553,373
March	18,648,960	17,607,976	16,091,316	8,141,719
April	19,981,596	18,796,318	20,462,594	13,702,281
May	27,813,982	26,412,270	20,579,198	22,271,803
June	30,879,187	29,118,417	22,766,811	21,469,936
July	28,571,618	25,679,320	21,564,922	19,039,787
August	29,984,318	28,746,976	23,503,695	22,503,076
September	25,694,179	23,491,080	16,804,426	18,603,260
October	26,425,110	24,952,104	20,757,876	20,452,117
November	25,994,972	25,863,096	16,831,700	18,143,161
December	26,914,838	26,763,177	19,921,421	21,940,285
Totals	304,361,166	287,236,764	232,031,529	221,135,287

Annual receipts of Redwood for ten preceding years were as follows:

Year	Feet	Year	Feet
1894	92,741,008	1899	141,465,146
1895	135,578,205	1900	136,760,974
1896	109,613,151	1901	142,289,078
1897	132,579,056	1902	162,712,857
1898	118,148,890	1903	173,003,042

The exports from San Francisco by sea during the past two years, were as follows:

To	1907		1906	
	Feet	Value	Feet	Value
Australia.....	4,759,370	\$199,656	5,839,340	\$192,452
Central America....	965,977	30,125	1,022,286	26,804
England.....	.....	.....	1,041,600	25,498
Mexico.....	4,526,666	121,445	3,004,524	73,607
Tahiti.....	638,136	22,634	373,674	11,351
Samoa.....	177,779	5,591	40,665	1,134
Panama.....	1,760,112	63,465	1,818,190	59,309
Japan.....	125,644	5,474	78,196	2,103
Siberia.....	.....	.....	.....	.....
Ecuador.....	31,218	1,255	.....	.....
Marshall Islands....	.....	.....	12,928	432
Marquesas Islands..	.....	.....	.....	.....
New Zealand.....	40,000	1,250	53,218	3,609
Germany.....	.....	.....	.....	.....
China.....	1,136	36	35,000	700
Fanning Island.....	.....	.....	.....	.....
South Africa.....	1,511,527	32,820	31,559	1,499
Caroline Islands....	.....	.....	.....	.....
Manila.....	128,079	9,867	154,643	7,000
Peru.....	267,880	9,222	1,378,194	41,529
Chile.....	299,584	18,557	130,158	8,452
Colombia.....	37,747	1,509	25,820	812
Clipperton Island..	.....	.....	10,390	410
Italy.....	64,355	2,800	.....	.....
Belgium.....	.....	.....	48,500	1,355
Miscellaneous.....	724,437	17,646	31,163	1,324
Total Foreign..	16,178,082	\$545,623	15,206,078	\$460,453
New York.....	40,829	1,537	480,452	16,995
Hawaii.....	2,235,597	50,680	2,540,001	54,572
Totals.....	18,454,508	\$597,840	18,226,531	\$532,020

The record of exports from San Francisco by sea for a series of years past is shown as follows:

Year	Feet	Value	Year	Feet	Value
1893	14,124,601	\$283,772	1900	26,208,541	\$564,249
1894	18,427,812	354,362	1901	29,861,299	714,171
1895	17,671,082	300,031	1902	20,548,191	517,226
1896	33,620,005	650,448	1903	25,899,878	734,405
1897	26,057,484	476,813	1904	29,820,409	819,121
1898	22,080,922	413,195	1905	23,920,629	650,840
1899	20,827,884	483,017			

The exports of lumber of all kinds from San Francisco by sea during each month of the past two years, were as follows:

Months	1907		1906	
	Feet	Value	Feet	Value
January	1,545,092	\$ 56,043	2,067,534	\$56,290
February	1,137,262	42,217	1,481,393	42,905
March	843,924	38,345	3,541,880	90,097
April	1,667,506	61,335	1,651,000	35,750
May	1,844,904	43,319	701,713	13,192
June	1,318,223	33,753	857,544	19,054
July	1,086,779	30,114	1,334,683	35,852
August	926,140	27,305	1,163,476	56,454
September	1,637,341	55,285	1,073,961	33,875
October	4,154,379	141,716	1,889,652	61,600
November	576,816	20,073	1,794,883	66,271
December	1,063,142	30,262	668,812	20,680
Totals	18,454,508	\$597,840	18,226,531	\$532,020

The total domestic and foreign shipments of lumber from all the Redwood mills in California during the past four years, in feet, were as follows:

Months	1907	1906	1905	1904
January	33,411,576	20,545,772	23,669,944	27,294,700
February	39,405,940	23,074,246	24,413,104	22,071,899
March	37,827,957	22,320,949	23,859,925	14,059,588
April	39,398,935	21,365,475	28,641,948	20,244,090
May	39,627,259	26,117,000	28,189,605	33,796,798
June	34,680,882	20,654,000	30,797,337	31,905,328
July	35,805,624	28,174,815	33,878,140	28,686,440
August	36,611,427	27,618,000	31,285,594	30,213,865
September	31,863,626	31,957,000	27,125,965	26,709,878
October	42,340,216	33,196,000	31,341,596	29,115,906
November	34,170,771	39,539,000	28,962,432	29,273,850
December	32,370,440	35,410,000	35,513,563	31,304,618
Totals	437,514,653	329,972,257	347,679,153	324,676,960
Other Lumber	41,972,814	37,684,720	42,178,860	29,165,792
Total mill cut.....	479,487,467	367,656,977	389,858,013	353,842,752

THE WOOL TRADE

Comparatively little wool is exported from California by the water routes, the bulk being shipped East by the overland railroads. Records of the latter, however, are no longer furnished for publication.

PRODUCTION

The estimated production annually in this State since 1854 has been as follows:

Year	Pounds	Year	Pounds
1854.....	175,000	1881.....	42,204,769
1855.....	300,000	1882.....	32,448,349
1856.....	600,000	1883.....	40,484,690
1857.....	1,100,000	1884.....	37,415,330
1858.....	1,428,351	1885.....	36,561,390
1859.....	2,378,250	1886.....	38,509,160
1860.....	3,055,325	1887.....	31,564,231
1861.....	3,721,998	1888.....	32,567,972
1862.....	5,990,300	1889.....	34,008,770
1863.....	6,268,480	1890.....	34,917,320
1864.....	7,923,670	1891.....	33,183,475
1865.....	8,949,931	1892.....	35,802,930
1866.....	8,532,047	1893.....	33,169,375
1867.....	10,288,600	1894.....	36,968,400
1868.....	14,232,657	1895.....	35,856,690
1869.....	15,413,970	1896.....	27,195,550
1870.....	20,072,660	1897.....	32,534,230
1871.....	22,187,188	1898.....	28,063,240
1872.....	24,255,468	1899.....	22,000,000
1873.....	32,455,169	1900.....	21,360,000
1874.....	39,356,781	1901.....	22,040,500
1875.....	43,532,223	1902.....	25,835,700
1876.....	56,550,970	1903.....	22,500,000
1877.....	53,110,742	1904.....	21,500,000
1878.....	40,862,061	1905.....	22,000,000
1879.....	46,903,360	1906.....	24,000,000
1880.....	46,074,154	1907.....	15,750,000

BONDS AND STOCKS

The monthly valuation record of sales of bonds at the San Francisco Stock and Bond Exchange during the past five years, is as follows:

Month	1907	1906	1905	1904	1903
January.....	\$ 785,000	\$1,072,000	\$1,658,000	\$1,223,400	\$895,700
February.....	1,185,000	1,018,000	1,660,000	890,300	955,500
March.....	590,000	1,142,000	1,617,000	493,500	730,200
April.....	391,000	.....	1,471,000	456,000	582,500
May.....	569,000	.....	1,101,000	596,000	419,000
June.....	444,000	.....	1,193,500	550,400	219,100
July.....	530,000	903,000	1,734,000	888,000	281,040
August.....	473,000	955,000	2,065,000	674,100	346,000
September.....	251,000	1,289,000	1,396,000	1,130,000	479,000
October.....	316,000	807,000	1,257,600	1,013,500	474,000
November.....	204,000	593,000	1,223,100	1,071,000	360,500
December.....	398,000	754,000	1,643,000	1,276,000	540,600
Totals.....	\$6,136,000	\$8,533,000	\$18,019,200	\$10,262,200	\$6,283,140

The monthly totals of shares of miscellaneous stocks sold at the San Francisco Stock and Bond Exchange during the past five years is as follows:

Month	1907	1906	1905	1904	1903
January.....	15,514	24,672	65,890	14,715	21,781
February.....	9,301	21,319	35,332	7,404	33,428
March.....	10,916	29,748	27,914	11,962	38,535
April.....	13,848	.....	21,797	11,637	13,440
May.....	10,260	.....	19,871	8,807	20,828
June.....	5,374	.....	13,845	4,821	18,914
July.....	6,156	17,439	15,511	9,109	19,027
August.....	9,940	21,615	40,289	19,859	15,663
September.....	6,478	26,052	47,969	20,851	14,378
October.....	3,840	16,250	26,935	19,992	9,880
November.....	2,780	20,645	35,999	49,352	12,101
December.....	3,842	14,698	20,727	21,462	8,872
Total shares	98,249	192,438	372,079	199,701	226,847

SALES OF STOCKS

The monthly record of sales of oil and miscellaneous shares at the California Stock and Oil Exchange during the past four years is as follows:

Month	1907	1906	1905	1904
January	112,982	92,796	172,968	84,507
February	104,307	79,817	157,614	96,677
March	91,840	88,640	132,545	194,630
April	79,687	.....	133,676	186,035
May	114,725	.....	78,416	202,101
June	130,870	.....	222,911	47,498
July	98,714	.....	158,436	47,072
August	104,860	.....	157,308	90,672
September	108,218	24,796	87,501	101,330
October	89,182	33,840	101,472	76,547
November	97,214	47,412	93,282	124,768
December	88,690	61,218	59,003	149,686
Totals	1,221,291	428,519	1,555,132	1,401,523

INTEREST ON DEPOSITS

The several banks in San Francisco which pay interest on deposits announced during 1906 and 1907, the following rates per annum, payable semi-annually.

Bank	January 1, 1908		January 1, 1907	
	Ordinary	Term	Ordinary	Term
Columbus Savings	3.60	.....	3.60	.....
French Savings	3.80	.....	3.25	.....
German Savings	3.80	.....	3.60	.....
Hibernia Savings	3.75	.....	3.70	.....
Humboldt Savings	3.80	.....	3.60	.....
Mutual Savings	3.75	.....	3.50	.....
S. F. Savings Union	3.75	4.10	3.42	3.80
Savings and Loan Society	3.80	.....	3.50	.....
Security Savings	4.00	.....	3.50	.....
Mechanics' Savings	3.75	.....	3.50	.....
Scandinavian American	3.75	4.00	3.50	.....

On Savings deposits in Commercial Banks as follows:

	Ordinary	Term	Ordinary	Term
Bank of Italy	3.80	.....	3.80	.....
California Safe Deposit	3.80	.....	3.50	3.60
Central Trust Co.	3.75	4.00	3.60	.....
City and County Bank	3.50	.....	3.60	.....
Italian American Bank	4.00	.....	3.60	.....
Market Street Bank	3.50	4.00	3.50	4.00
Swiss American Bank	3.60	4.00	3.50	.....
Union Trust Co.	3.50	3.60	3.60	.....

INSURANCE

Statistics of the Fire and Marine Insurance business transacted in the State of California during the two years indicated, as reported to the State Insurance Commissioner, are as follows:

	1906	1905
FIRE INSURANCE		
Amount written	\$668,435,573 46	\$675,687,313 40
Premiums on same	13,368,350 87	10,353,046 04
Losses paid.....	146,306,376 92	3,883,540 20
Ratio of losses to premiums.....	1,094.4	37.5
MARINE INSURANCE		
Amount written	\$233,326,150 73	\$234,061,970 48
Premiums on same	1,628,982 01	1,581,196 83
Losses paid	1,394,987 43	1,463,939 42
Ratio of losses to premiums.....	85.6	92.5
This business was apportioned as follows:		
TO COMPANIES OF THIS STATE		
Fire Insurance—		
Amount written	\$34,862,655 77	\$46,570,746 35
Premiums on same	642,322 13	945,197 38
Losses paid.....	10,572,784 97	365,541 62
Ratio of losses to premiums.....	1,646.0	38.6
Marine Insurance—		
Amount written	\$31,107,004 00	\$35,780,522 00
Premiums on same	286,561 23	303,552 28
Losses paid.....	191,972 58	215,011 20
Ratio of losses to premiums.....	66.1	70.8
TO COMPANIES OF OTHER STATES		
Fire Insurance—		
Amount written	\$355,804,189 69	\$368,425,355 57
Premiums on same	7,050,030 38	5,524,046 18
Losses paid	73,337,280 65	2,040,421 77
Ratio of losses to premiums.....	1,040.2	36.0
Marine Insurance—		
Amount written	\$16,081,531 00	\$16,346,786 12
Premiums on same	181,123 38	165,620 32
Losses paid.....	151,847 25	131,918 74
Ratio of losses to premiums.....	83.8	79.6
TO COMPANIES OF FOREIGN COUNTRIES		
Fire Insurance—		
Amount written	\$277,768,728 00	\$260,691,211 48
Premiums on same	5,675,998 36	3,884,564 48
Losses paid.....	62,396,311 30	1,477,576 81
Ratio of losses to premiums.....	1,099.3	38.0
Marine Insurance—		
Amount written	\$186,137,615 73	\$181,934,662 36
Premiums on same	1,161,297 40	1,112,024 23
Losses paid.....	1,051,167 60	1,117,009 48
Ratio of losses to premiums.....	90.5	100.4

REAL ESTATE

The monthly totals of sales in the city and county of San Francisco during 1907 and the preceding year, are as follows:

Month	1907		1906	
	Number	Amount	Number	Amount
January	834	\$4,230,090	974	\$10,777,308
February	808	4,578,493	947	10,328,363
March	914	4,149,846	1,259	18,250,570
April	1,015	3,913,773	631	6,583,840
May	755	2,668,470	70	573,400
June	625	2,234,290	507	1,886,170
July	625	1,760,615	688	3,435,222
August	662	1,787,186	699	2,603,449
September	618	2,272,185	624	2,397,967
October	578	1,895,211	829	2,913,569
November	296	1,133,963	854	4,481,410
December	474	1,192,028	865	3,833,032
Totals	8,204	\$31,816,150	8,947	\$68,064,300

The totals of sales for forty-one years past are as follows:

Year	Amount	Year	Amount
1867.....	\$17,640,367	1888.....	\$24,744,479
1868.....	27,217,026	1889.....	33,768,969
1869.....	29,937,717	1890.....	36,545,887
1870.....	15,630,192	1891.....	27,431,135
1871.....	12,717,792	1892.....	20,518,955
1872.....	13,127,458	1893.....	13,621,492
1873.....	12,383,752	1894.....	14,227,050
1874.....	23,893,903	1895.....	15,947,361
1875.....	35,889,374	1896.....	11,545,331
1876.....	24,058,666	1897.....	12,903,025
1877.....	18,549,991	1898.....	10,747,102
1878.....	14,583,967	1899.....	14,555,137
1879.....	10,318,744	1900.....	18,527,814
1880.....	13,994,989	1901.....	29,147,969
1881.....	12,233,933	1902.....	47,396,512
1882.....	15,127,750	1903.....	47,710,157
1883.....	15,876,408	1904.....	45,803,908
1884.....	13,374,207	1905.....	74,926,065
1885.....	13,134,354	1906.....	68,064,300
1886.....	15,119,760	1907.....	31,816,150
1887.....	20,745,059		

The records of mortgages and releases during 1906 were as follows:

BY WHOM TAKEN OR RELEASED	MORTGAGES		RELEASES	
	No.	Amount	No.	Amount
Private Individuals.....	2,043	\$ 8,114,081	1,645	.....
Hibernia Savings and Loan Soc'y	1,053	10,992,151	1,050	.....
Savings and Loan Society.....	121	838,470	106	.....
French Savings Bank.....	164	1,065,275	142	.....
German Savings and Loan Soc'y	709	5,568,996	510	.....
Humboldt Savings Bank	235	1,243,650	200	.....
San Francisco Savings Union ...	191	3,617,365	218	.....
Security Savings Bank.....	110	1,402,059	128	.....
Mutual Savings Bank.....	209	881,700	200	.....
Columbus Savings & Loan Soc'y	69	240,307	61	.....
Union Trust Company.....	11	95,900	24	.....
Central Trust Company.....	4	277,000	33	.....
Building and Loan Associations	362	641,776	269	.....
Mechanics Savings Bank	21	68,400	20	.....
Bank of Italy	186	778,550	54	.....
Totals	5,488	\$35,825,680	4,660	.....

The records of mortgages during 1907 were as follows:

BY WHOM TAKEN OR RELEASED	MORTGAGES		RELEASES	
	No.	Amount	No.	Amount
Private Individuals.....	3,026	\$13,557,993	1,752	.....
Hibernia Savings and Loan Soc.	1,094	11,158,307	707	.....
Savings and Loan Society.....	160	476,986	98	.....
French Savings Bank.....	87	821,800	99	.....
German Savings and Loan Soc'y	824	6,562,617	409	.....
Humboldt Savings Bank.....	203	1,138,925	173	.....
San Francisco Savings Union ...	147	3,767,705	210	.....
Security Savings Bank.....	64	759,150	108	.....
Mutual Savings Bank	181	1,234,310	183	.....
Columbus Savings & Loan Soc'ty	82	285,749	51	.....
Union Trust Company.....	11	397,000	24	.....
Central Trust Company.....	12	181,200	77	.....
Mechanics Savings Bank	11	58,800	12	.....
Bank of Italy	132	473,350	64	.....
Mission Savings Bank.....	41	93,550	2	.....
Building and Loan Associations	306	721,261	158	.....
Financial Institutions in Califor- nia outside of San Francisco...	14	390,050	6	.....
Eastern Financial Institutions...	6	2,505,000	1	.....
Totals	6,401	\$44,583,753	4,134	.....

NOTE.—Owing to the destruction by fire on April 18, 1906, of the official records of the City and County of San Francisco, the amounts of the releases for 1906 and 1907 cannot be given.

The records of mortgages and releases for a series of years past are as follows:

MORTGAGES

Years	Number	Amount
1907.....	6,401	\$44,583,753
1906.....	5,488	35,825,680
1905.....	6,746	35,016,855
1904.....	6,116	32,977,736
1903.....	5,194	30,889,988
1902.....	4,783	25,254,542
1901.....	4,111	20,148,304
1900.....	4,010	17,034,453
1899.....	4,909	13,817,496
1898.....	4,395	12,356,870
1897.....	4,322	13,817,716
1896.....	4,215	14,272,584
1895.....	4,747	17,652,007
1894.....	4,343	17,562,719
1893.....	3,791	13,743,444
1892.....	4,305	16,060,918

RELEASES

Years	Number	Amount
1907.....	4,134	.....
1906.....	4,660	.....
1905.....	4,751	\$23,384,294
1904.....	3,912	20,982,723
1903.....	4,003	21,346,699
1902.....	3,953	20,249,190
1901.....	3,311	15,472,143
1900.....	3,230	14,711,964
1899.....	2,926	13,880,306
1898.....	2,602	10,154,754
1897.....	2,774	10,245,709
1896.....	2,680	10,768,545
1895.....	2,778	13,174,353
1894.....	2,639	12,666,359
1893.....	2,414	9,388,664
1892.....	2,674	10,315,614

CALIFORNIA PROPERTY

Showing the State rate of taxation on each \$100 of valuation from the organization of the State Government.

YEARS	Total Assessed Value of all Property in California	Value of Personal Property	Percent- age of Personal Property	State Rate of Taxation
1850.....	\$ 57,670,689	\$ 13,968,797	24.22	\$0.50
1851.....	49,231,052	20,935,116	42.52	.65
1852.....	64,579,375	24,213,395	37.49	.65
1853.....	95,335,646	33,674,000	35.32	.60
1854.....	111,191,630	39,040,428	35.11	.60
1855.....	103,887,193	34,858,319	33.56	.60
1856.....	115,007,440	40,942,699	35.60	.70
1857.....	126,059,461	59,149,630	46.92	.70
1858.....	125,955,877	54,185,728	43.01	.60
1859.....	131,060,279	56,580,344	43.17	.60
1860.....	148,193,540	68,369,383	46.06	.60
1861.....	147,811,617	73,350,591	49.62	.60
1862.....	160,369,071	74,014,666	46.15	.77
1863.....	174,104,955	80,496,645	46.23	.92
1864.....	179,164,730	78,117,375	43.60	1.25
1865.....	183,534,312	79,782,436	43.47	1.15
1866.....	200,368,826	92,490,635	46.15	1.13
1867.....	212,205,339	100,105,600	47.17	1.13
1868.....	237,483,175	105,112,083	44.26	1.00
1869.....	260,563,879	104,723,592	40.19	.97
1870.....	277,538,134	108,001,588	38.90	.865
1871.....	267,868,126	86,174,230	32.17	.865
1872.....	637,232,823	219,942,323	30.40	.50
1873.....	528,747,043	118,425,520	22.20	.50
1874.....	611,495,197	210,779,127	34.46	.649
1875.....	618,083,315	199,243,292	32.07	.605
1876.....	595,073,177	140,431,866	25.27	.735
1877.....	586,953,022	128,780,824	21.77	.63
1878.....	584,578,036	118,304,451	20.23	.55
1879.....	549,220,968	112,325,850	20.45	.625
1880.....	666,399,985	174,514,906	26.18	.64
1881.....	659,835,762	160,058,309	24.24	.655
1882.....	608,642,036	134,048,419	22.02	.596
1883.....	765,729,430	167,338,644	21.85	.497
1884.....	821,078,767	166,394,997	20.26	.452
1885.....	859,512,384	172,760,681	27.90	.544
1886.....	816,446,700	151,937,132	18.60	.56
1887.....	956,740,805	165,663,387	17.31	.608
1888.....	1,107,952,700	173,273,458	15.63	.504
1889.....	1,111,550,979	170,661,836	15.35	.722
1890.....	1,101,137,290	169,489,475	15.39	.58
1891.....	1,239,647,063	189,599,783	15.29	.446
1892.....	1,275,816,228	187,008,874	14.66	.434
1893.....	1,216,700,283	173,853,273	14.59	.576
1894.....	1,205,918,403	163,581,104	13.56	.493
1895.....	1,138,282,013	157,726,988	13.85	.685
1896.....	1,266,593,065	142,353,345	11.24	.429
1897.....	1,089,814,836	120,592,875	11.07	.51
1898.....	1,130,885,697	128,855,959	11.39	.488
1899.....	1,193,764,673	164,070,620	13.74	.601
1900.....	1,218,292,457	184,380,015	15.13	.498
1901.....	1,241,705,803	189,506,344	15.26	.48
1902.....	1,290,750,465	200,164,271	15.50	.382
1903.....	1,598,603,226	269,488,904	16.85	.561
1904.....	1,550,511,761	239,623,282	15.45	.535
1905.....	1,624,991,742	239,062,273	14.71	.49
1906.....	1,594,781,905	238,006,160	14.92	.476
1907.....	1,878,661,035	288,172,950	15.34	.445

The area and population of the counties of the State, together with the assessed valuation of all descriptions of property in each county during the last three years, makes the following showing,

COUNTY	Area in Square Miles	Population 1900	Assessed Valuation 1905	Assessed Valuation 1906	Assessed Valuation 1907
Alameda.....	840	130,197	\$116,643,574	\$120,856,881	\$176,817,591
Alpine.....	575	509	468,385	488,314	507,652
Amador.....	568	11,116	5,440,642	5,116,078	5,890,793
Butte.....	1,764	17,117	16,934,887	16,125,093	19,694,361
Calaveras.....	990	11,200	6,085,400	6,146,360	6,493,727
Colusa.....	1,080	7,364	12,286,809	11,707,418	13,073,699
Contra Costa.....	750	18,046	21,861,312	21,501,870	27,122,288
Del Norte.....	1,546	2,408	3,209,214	3,273,445	3,603,490
El Dorado.....	1,891	8,986	4,963,515	4,572,375	5,722,655
Fresno.....	5,940	37,862	38,640,483	36,130,333	46,923,383
Glenn.....	1,400	5,150	10,625,292	9,950,432	11,949,561
Humboldt.....	3,507	27,104	24,824,099	25,432,460	28,242,910
Inyo.....	10,224	4,377	2,607,039	2,748,197	3,501,476
Kern.....	8,159	16,480	25,134,795	22,700,571	30,149,898
Kings.....	1,257	9,871	8,337,946	7,984,456	9,045,504
Lake.....	1,332	6,017	3,327,865	3,534,645	3,657,340
Lassen.....	4,750	4,511	5,599,222	5,313,793	5,841,333
Los Angeles.....	3,957	170,298	232,610,753	299,204,088	384,051,746
Madera.....	2,140	6,364	7,438,381	6,260,950	8,458,229
Marin.....	516	15,702	14,131,123	13,864,175	16,515,214
Mariposa.....	1,580	4,720	2,257,871	2,121,845	2,342,192
Mendocino.....	3,460	20,465	12,377,783	12,275,111	14,571,522
Merced.....	1,750	9,215	15,264,760	13,568,707	17,699,940
Modoc.....	4,097	5,076	4,461,208	4,494,264	4,926,148
Mono.....	2,796	2,167	1,235,469	980,435	1,225,044
Monterey.....	3,450	19,380	19,487,037	17,723,155	23,217,230
Napa.....	800	16,451	13,754,750	13,659,270	14,997,460
Nevada.....	958	17,789	7,370,505	6,755,925	7,806,352
Orange.....	780	19,696	14,842,489	15,215,285	18,411,915
Placer.....	1,484	15,786	9,785,008	7,409,385	10,962,045
Plumas.....	2,361	4,657	4,218,044	4,147,528	4,640,738
Riverside.....	7,008	17,897	15,690,599	14,513,189	21,029,475
Sacramento.....	1,007	45,915	37,180,623	37,096,630	54,857,086
San Benito.....	1,476	6,633	6,462,939	6,434,765	7,046,787
San Bernardino.....	20,655	27,929	21,575,690	17,026,267	30,352,957
San Diego.....	8,400	35,080	22,992,109	22,752,746	30,356,897
San Francisco.....	42	342,782	524,385,667	375,968,172	429,866,609
San Joaquin.....	1,370	35,452	36,942,107	36,743,215	42,500,778
San Luis Obispo.....	3,500	16,637	14,513,805	13,991,733	16,398,462
San Mateo.....	470	12,094	18,322,717	19,140,323	24,201,540
Santa Barbara.....	2,450	18,934	19,401,734	18,573,734	24,085,970
Santa Clara.....	1,355	60,216	56,862,660	58,008,285	60,393,432
Santa Cruz.....	425	21,512	13,158,521	12,890,495	15,210,096
Shasta.....	4,050	17,318	12,064,364	11,454,575	14,544,355
Sierra.....	910	4,017	2,105,185	2,102,915	2,308,890
Siskiyou.....	6,078	16,962	12,310,133	11,492,535	15,943,260
Solano.....	911	24,143	19,022,984	18,313,417	20,322,997
Sonoma.....	1,540	38,480	31,596,435	29,608,420	33,877,918
Stanislaus.....	1,486	9,550	14,296,171	12,735,070	16,081,091
Sutter.....	611	5,886	6,588,234	6,117,940	7,157,242
Tehama.....	3,200	10,996	11,992,411	11,270,715	13,207,073
Trinity.....	3,276	4,383	2,271,890	2,256,667	2,740,656
Tulare.....	4,935	18,375	18,453,609	16,265,890	23,851,394
Tuolumne.....	2,282	11,166	7,457,960	7,042,290	7,762,427
Ventura.....	1,850	14,367	10,387,331	9,309,346	11,921,277
Yolo.....	1,017	13,618	16,695,570	15,660,163	17,665,533
Yuba.....	625	8,620	6,034,634	5,738,755	6,912,397
Totals.....	157,031	1,485,053	\$1,624,991,742	\$1,513,771,086	\$1,878,661,035

CALIFORNIA PRODUCTS

The annual yield of some of the leading products of the State, with approximate values, for a series of years, and trade estimates for last year are as follows:

DRIED FRUITS

Prunes			Apples		
Year	Pounds	Value	Year	Pounds	Value
1887.....	7,500,000	\$ 182,000	1887.....	700,000	\$49,000
1888.....	8,050,000	193,000	1888.....	550,000	40,000
1889.....	17,150,000	860,000	1889.....	500,000	36,000
1890.....	16,200,000	810,000	1890.....	1,000,000	75,000
1891.....	27,500,000	1,360,000	1891.....	1,800,000	110,000
1892.....	22,500,000	1,140,000	1892.....	2,750,000	170,000
1893.....	52,180,000	2,000,000	1893.....	3,800,000	230,000
1894.....	44,750,000	1,700,000	1894.....	5,850,000	350,000
1895.....	64,500,000	2,800,000	1895.....	4,560,000	275,000
1896.....	55,200,000	2,400,000	1896.....	2,350,000	140,000
1897.....	97,780,000	3,750,000	1897.....	5,250,000	320,000
1898.....	90,420,000	3,600,000	1898.....	3,520,000	215,000
1899.....	112,900,000	3,980,000	1899.....	5,900,000	356,000
1900.....	174,000,000	4,950,000	1900.....	6,360,000	390,500
1901.....	81,600,000	2,400,000	1901.....	6,450,000	392,000
1902.....	195,000,000	5,670,000	1902.....	9,750,000	586,200
1903.....	165,000,000	4,267,000	1903.....	3,600,000	240,000
1904.....	135,000,000	3,425,000	1904.....	3,000,000	225,000
1905.....	75,000,000	2,100,000	1905.....	6,500,000	420,000
1906.....	180,000,000	5,250,000	1906.....	5,500,000	350,000
1907.....	75,000,000	3,250,000	1907.....	3,600,000	275,000

Peaches			Apricots		
Year	Pounds	Value	Year	Pounds	Value
1887.....	8,000,000	\$ 560,000	1887.....	3,600,000	\$ 340,000
1888.....	8,650,000	600,000	1888.....	3,250,000	300,000
1889.....	5,250,000	370,000	1889.....	2,500,000	225,000
1890.....	12,250,000	850,000	1890.....	8,500,000	765,000
1891.....	13,250,000	925,000	1891.....	13,500,000	1,080,000
1892.....	13,500,000	940,000	1892.....	12,500,000	1,040,000
1893.....	16,800,000	1,160,000	1893.....	9,500,000	800,000
1894.....	30,540,000	2,120,000	1894.....	28,750,000	2,250,000
1895.....	24,500,000	1,705,000	1895.....	10,650,000	900,000
1896.....	16,460,000	1,050,000	1896.....	6,740,000	610,000
1897.....	27,150,000	1,890,000	1897.....	30,125,000	2,450,000
1898.....	10,960,000	765,000	1898.....	8,240,000	750,000
1899.....	34,800,000	2,430,000	1899.....	11,600,000	925,000
1900.....	34,340,000	2,260,000	1900.....	28,080,000	2,250,000
1901.....	29,510,000	1,982,000	1901.....	15,750,000	1,260,000
1902.....	50,420,000	3,587,000	1902.....	37,525,000	3,108,000
1903.....	36,000,000	2,450,000	1903.....	21,000,000	1,920,000
1904.....	23,000,000	1,590,000	1904.....	17,000,000	1,350,000
1905.....	35,000,000	2,550,000	1905.....	38,500,000	2,750,000
1906.....	22,500,000	1,650,000	1906.....	6,500,000	700,000
1907.....	24,000,000	2,250,000	1907.....	3,000,000	500,000

Pears			Plums		
Year	Pounds	Value	Year	Pounds	Value
1887.....	180,000	\$ 14,000	1887.....	450,000	\$ 17,500
1888.....	150,000		1888.....	365,000	
1889.....	140,000	10,000	1889.....	330,000	13,500
1890.....	600,000	9,700	1890.....	1,000,000	42,000
1891.....	1,000,000	42,000	1891.....	1,250,000	51,000
1892.....	2,250,000	68,000	1892.....	2,000,000	84,000
1893.....	2,640,000	157,500	1893.....	1,500,000	62,000
1894.....	6,530,000	180,750	1894.....	2,760,000	112,500
1895.....	5,400,000	457,200	1895.....	4,500,000	190,000
1896.....	9,650,000	375,000	1896.....	2,100,000	87,000
1897.....	6,350,000	675,500	1897.....	3,250,000	135,000
1898.....	6,620,000	434,000	1898.....	2,460,000	100,000
1899.....	5,760,000	460,000	1899.....	3,360,000	136,000
1900.....	14,550,000	403,000	1900.....	3,900,000	160,000
1901.....	6,510,000	1,018,500	1901.....	3,450,000	120,000
1902.....	5,250,000	460,000	1902.....	2,560,000	103,500
1903.....	5,000,000	465,000	1903.....	2,870,000	105,000
1904.....	3,500,000	430,000	1904.....	2,300,000	85,000
1905.....	3,500,000	350,000	1905.....	1,860,000	75,000
1906.....	7,000,000	360,000	1906.....	2,000,000	80,000
1907.....	1,000,000	675,000	1907.....	1,500,000	65,000
		150,000			

Nectarines			Figs		
Year	Pounds	Value	Year	Pounds	Value
1887.....	300,000	\$19,000	1887.....	200,000	\$ 9,500
1888.....	345,000	20,750	1888.....	175,000	
1889.....	275,000	16,500	1889.....	225,000	11,250
1890.....	525,000	32,000	1890.....	360,000	18,000
1891.....	625,000	38,000	1891.....	365,000	18,250
1892.....	720,000	45,000	1892.....	500,000	25,000
1893.....	780,000	47,500	1893.....	890,000	45,000
1894.....	1,250,000	75,000	1894.....	1,540,000	77,500
1895.....	1,325,000	80,000	1895.....	2,750,000	140,000
1896.....	625,000	37,500	1896.....	2,160,000	108,000
1897.....	285,000	17,250	1897.....	3,250,000	160,000
1898.....	190,000	12,000	1898.....	4,780,000	240,000
1899.....	840,000	50,500	1899.....	5,800,000	290,000
1900.....	875,000	52,500	1900.....	6,000,000	300,000
1901.....	650,000	42,000	1901.....	6,500,000	325,000
1902.....	910,000	56,250	1902.....	7,250,000	357,000
1903.....	635,000	43,500	1903.....	6,000,000	342,000
1904.....	420,000	28,000	1904.....	5,700,000	320,000
1905.....	370,000	25,000	1905.....	7,250,000	370,000
1906.....	340,000	22,000	1906.....	7,750,000	425,000
1907.....	275,000	20,000	1907.....	6,000,000	380,000

Dried Grapes			Hops		
Year	Pounds	Value	Year	Bales	Pounds
1887.....	3,000,000	\$ 85,000	1887.....	32,600	5,936,000
1888.....	2,340,000	70,200	1888.....	35,000	6,860,000
1889.....	2,500,000	75,000	1889.....	35,400	6,938,400
1890.....	10,500,000	275,000	1890.....	28,400	5,566,400
1891.....	5,500,000	150,000	1891.....	36,150	7,085,400
1892.....	4,000,000	120,000	1892.....	39,800	7,800,800
1893.....	4,880,000	145,000	1893.....	51,400	10,074,400
1894.....	4,510,000	135,000	1894.....	67,500	13,230,000
1895.....	4,250,000	125,000	1895.....	52,000	10,192,000
1896.....	2,700,000	80,000	1896.....	35,000	6,860,000
1897.....	3,450,000	103,000	1897.....	45,000	8,820,000
1898.....	640,000	19,000	1898.....	44,500	8,722,000
1899.....	450,000	13,000	1899.....	59,000	11,564,000
1900.....	480,000	14,500	1900.....	36,000	7,056,000
1901.....	350,000	12,000	1901.....	48,000	9,360,000
1902.....	375,000	13,750	1902.....	53,000	10,176,000
1903.....	410,000	15,000	1903.....	56,000	10,752,000
1904.....	340,000	12,000	1904.....	63,000	12,222,000
1905.....	385,000	14,000	1905.....	67,500	13,095,000
1906.....	400,000	15,000	1906.....	80,000	15,520,000
1907.....	375,000	13,750	1907.....	82,000	16,072,000

Walnuts			Almonds		
Year	Pounds	Value	Year	Pounds	Value
1887.....	800,000	\$ 65,000	1887.....	300,000	\$ 35,000
1888.....	1,000,000	72,000	1888.....	220,000	25,000
1889.....	1,500,000	105,000	1889.....	450,000	50,000
1890.....	2,000,000	142,000	1890.....	250,000	28,000
1891.....	2,124,000	148,000	1891.....	500,000	60,000
1892.....	2,950,000	205,000	1892.....	1,066,000	120,000
1893.....	2,866,000	200,000	1893.....	720,000	80,000
1894.....	5,805,000	420,000	1894.....	2,125,000	235,000
1895.....	4,620,000	325,000	1895.....	1,850,000	205,000
1896.....	8,230,000	580,000	1896.....	3,210,000	356,000
1897.....	7,970,000	490,000	1897.....	4,750,000	525,000
1898.....	11,300,000	795,000	1898.....	900,000	100,000
1899.....	11,160,000	789,000	1899.....	4,640,000	515,000
1900.....	10,860,000	775,000	1900.....	5,480,000	600,000
1901.....	13,800,000	990,000	1901.....	3,000,000	288,000
1902.....	17,140,000	1,230,000	1902.....	6,540,000	524,250
1903.....	11,000,000	920,000	1903.....	6,400,000	515,000
1904.....	15,180,000	1,215,000	1904.....	1,600,000	140,000
1905.....	11,500,000	925,000	1905.....	4,250,000	385,000
1906.....	12,250,000	1,250,000	1906.....	1,800,000	200,000
1907.....	14,000,000	1,362,000	1907.....	1,850,000	210,000

Oranges			Lemons		
Season	Cars	Boxes	Season	Cars	Boxes
1886-87..	2,200	705,000	1886-87..	12	3,960
1887-88..	2,500	840,000	1887-88..	20	6,600
1888-89..	2,782	1,007,084	1888-89..	26	8,684
1889-90..	3,476	1,278,312	1889-90..	34	11,356
1890-91..	3,980	1,440,760	1890-91..	40	13,360
1891-92..	4,538	1,642,750	1891-92..	52	17,368
1892-93..	5,960	2,156,520	1892-93..	65	21,710
1893-94..	5,270	1,407,740	1893-94..	145	48,430
1894-95..	7,985	2,890,570	1894-95..	335	111,890
1895-96..	7,268	2,631,016	1895-96..	565	186,610
1896-97..	7,682	2,670,884	1896-97..	1,378	460,252
1897-98..	16,120	5,835,440	1897-98..	2,410	804,940
1898-99..	11,280	4,083,360	1898-99..	1,230	410,820
1899-00..	18,978	6,870,036	1899-00..	2,520	781,200
1900-01..	25,340	8,200,080	1900-01..	3,260	1,010,600
1901-02..	19,910	7,207,420	1901-02..	1,830	585,600
1902-03..	23,871	8,641,302	1902-03..	3,150	982,800
1903-04..	26,979	10,359,936	1903-04..	3,420	1,128,600
1904-05..	26,044	10,000,896	1904-05..	5,378	1,862,740
1905-06..	27,260	10,082,560	1905-06..	5,146	1,831,976
1906-07..	26,927	9,709,920	1906-07..	4,280	1,540,800

Honey		Beet Sugar	
Year	Pounds	Year	Pounds
1887.....	3,200,000	1887.....	3,750,000
1888.....	3,500,000	1888.....	4,280,500
1889.....	2,200,000	1889.....	5,170,350
1890.....	5,000,000	1890.....	9,250,200
1891.....	4,000,000	1891.....	8,175,450
1892.....	1,240,000	1892.....	8,624,890
1893.....	2,680,000	1893.....	21,801,330
1894.....	4,275,000	1894.....	40,204,100
1895.....	4,000,000	1895.....	49,232,700
1896.....	5,350,000	1896.....	64,510,000
1897.....	7,878,000	1897.....	70,740,000
1898.....	1,820,000	1898.....	36,180,000
1899.....	2,822,000	1899.....	64,890,000
1900.....	2,208,000	1900.....	60,638,000
1901.....	8,112,000	1901.....	137,400,000
1902.....	5,125,000	1902.....	147,535,000
1903.....	8,400,000	1903.....	131,080,000
1904.....	1,040,000	1904.....	118,394,000
1905.....	9,500,000	1905.....	122,500,000
1906.....	5,250,000	1906.....	128,000,000
1907.....	6,500,000	1907.....	163,800,000

RAISINS

The annual production of Raisins in California and the approximate Value of the yearly crops for a series of years past is as follows:

Year	20 lb. bxs.	Pounds	Value
1870.....	1,200	24,000	\$ 1,350
1871.....	2,000	40,000	2,100
1872.....	3,500	70,000	3,400
1873.....	5,950	119,000	6,000
1874.....	9,000	180,000	9,100
1875.....	11,000	220,000	12,000
1876.....	19,000	380,000	20,000
1877.....	32,000	640,000	34,000
1878.....	48,000	960,000	50,000
1879.....	65,000	1,300,000	68,000
1880.....	75,000	1,500,000	80,000
1881.....	90,000	1,800,000	91,000
1882.....	115,000	2,300,000	120,000
1883.....	125,000	2,500,000	132,000
1884.....	175,000	3,500,000	181,000
1885.....	475,000	9,500,000	490,000
1886.....	703,000	14,060,000	720,000
1887.....	800,000	16,000,000	825,000
1888.....	1,250,000	25,000,000	1,260,000
1889.....	1,633,900	32,678,000	1,640,000
1890.....	1,900,000	38,000,000	1,920,000
1891.....	2,600,000	52,000,000	2,650,000
1892.....	2,850,000	57,000,000	2,900,000
1893.....	4,250,000	85,000,000	4,300,000
1894.....	5,150,000	103,000,000	5,180,000
1895.....	4,658,000	93,160,000	4,672,000
1896.....	3,412,530	68,230,600	3,430,000
1897.....	4,685,200	93,704,000	4,725,000
1898.....	4,031,550	80,631,000	4,050,000
1899.....	3,578,400	71,568,000	3,590,000
1900.....	4,716,750	94,335,000	4,740,000
1901.....	3,712,500	74,250,000	3,765,000
1902.....	5,400,000	108,750,000	5,432,500
1903.....	6,000,000	120,000,000	6,250,000
1904.....	3,750,000	75,000,000	3,975,000
1905.....	4,375,000	87,500,000	4,350,000
1906.....	4,750,000	95,000,000	4,600,000
1907.....	7,000,000	140,000,000	7,350,000

CALIFORNIA'S GOLD

Gold was discovered by James W. Marshall on January 24, 1848, at Sutter's Mill, near Coloma, El Dorado County. Since that time the annual production has been as follows:

Year	Production	Year	Production
1848.....	\$ 245,301	1878.....	\$18,839,141
1849.....	10,151,360	1879.....	19,626,654
1850.....	41,273,106	1880.....	20,030,761
1851.....	75,938,232	1881.....	19,223,155
1852.....	81,294,700	1882.....	17,146,416
1853.....	67,613,487	1883.....	24,316,873
1854.....	69,433,931	1884.....	13,600,000
1855.....	55,485,395	1885.....	12,661,044
1856.....	57,509,411	1886.....	14,716,506
1857.....	43,628,172	1887.....	13,588,614
1858.....	46,591,140	1888.....	12,750,000
1859.....	45,846,599	1889.....	11,212,913
1860.....	44,095,163	1890.....	12,309,793
1861.....	41,884,995	1891.....	12,728,869
1862.....	38,854,668	1892.....	12,571,900
1863.....	23,501,736	1893.....	12,422,811
1864.....	24,071,423	1894.....	13,923,281
1865.....	17,930,858	1895.....	15,334,317
1866.....	17,123,867	1896.....	17,181,562
1867.....	18,265,452	1897.....	15,871,401
1868.....	17,555,867	1898.....	15,906,478
1869.....	18,229,044	1899.....	15,336,031
1870.....	17,458,133	1900.....	15,863,355
1871.....	17,477,885	1901.....	16,989,044
1872.....	15,482,194	1902.....	16,910,320
1873.....	15,019,210	1903.....	16,471,264
1874.....	17,264,836	1904.....	19,109,600
1875.....	16,876,009	1905.....	19,197,043
1876.....	15,610,723	1906.....	18,732,452
1877.....	16,501,268	1907.....	18,270,000

Total product in 59 years.....\$1,452,785,767

SILVER

The production of Silver in California for a series of years past is as follows:

Year	Production	Year	Production
1888.....	\$1,700,000	1898.....	\$ 414,055
1889.....	754,793	1899.....	504,012
1890.....	1,060,613	1900.....	1,510,344
1891.....	953,157	1901.....	1,229,356
1892.....	463,602	1902.....	616,412
1893.....	537,157	1903.....	517,444
1894.....	297,332	1904.....	873,525
1895.....	599,789	1905.....	678,494
1896.....	422,464	1906.....	817,830
1897.....	452,789	1907.....	940,000

MINERAL PRODUCTS

The output of precious metals and minerals in California and in each County of the State during the last four years were as follows:

Counties	1906 Value	1905 Value	1904 Value	1903 Value
Alameda.....	\$ 1,104,820	\$ 662,687	\$ 514,413	\$ 530,207
Alpine.....		575	4,972	2,847
Amador.....	2,305,943	2,490,755	2,085,806	1,639,819
Butte.....	3,031,325	2,621,104	1,941,386	1,581,325
Calaveras.....	2,682,863	2,415,627	2,275,554	2,270,668
Colusa.....	101,972	289,454	347,807	420,468
Contra Costa.....	244,047	197,493	129,914	62,500
Del Norte.....	5,978	10,612	7,417	7,183
El Dorado.....	556,574	467,566	532,231	284,304
Fresno.....	2,135,046	2,734,164	1,570,847	848,628
Humboldt.....	57,780	53,628	83,551	49,316
Inyo.....	50,264	222,596	169,918	139,563
Kern.....	5,417,828	4,912,095	5,319,630	4,957,602
Kings.....	20,000	33,000	23,300	24,200
Lake.....	198,909	271,437	330,719	294,018
Lassen.....	112,360	136,860	118,508	92,305
Los Angeles.....	2,345,202	2,234,354	2,529,694	2,549,128
Madera.....	199,314	183,987	178,974	489,525
Marin.....	252,600	207,835	302,995	218,427
Mariposa.....	369,771	393,592	434,076	552,516
Mendocino.....	14,819	24,510	15,195	20,580
Merced.....	6,000	3,500	1,135	780
Mono.....	351,849	320,124	272,735	360,024
Monterey.....	64,153	23,121	43,041	51,436
Napa.....	180,147	261,910	308,433	896,848
Nevada.....	2,691,939	3,214,828	3,145,254	2,466,044
Orange.....	1,220,400	738,264	1,153,742	1,029,435
Placer.....	139,192	798,644	1,004,098	800,985
Plumas.....	230,460	284,497	270,903	424,894
Riverside.....	350,673	558,369	583,386	446,449
Sacramento.....	1,171,258	881,852	515,123	506,796
San Benito.....	289,029	360,145	332,972	367,851
San Bernardino.....	623,414	820,026	922,034	1,516,618
San Diego.....	384,388	231,945	727,540	663,315
San Francisco.....	175,039	456,042	700,131	802,786
San Joaquin.....	104,615	146,915	92,635	44,489
San Luis Obispo.....	172,396	189,592	259,246	257,416
San Mateo.....	223,743	203,936	238,802	252,500
Santa Barbara.....	1,564,814	1,601,217	791,611	384,688
Santa Clara.....	298,834	470,130	365,044	670,159
Santa Cruz.....	445,092	296,349	309,700	254,247
Shasta.....	5,745,843	2,579,014	4,898,033	3,201,680
Sierra.....	411,884	520,990	375,985	311,246
Siskiyou.....	1,500	806,877	943,936	663,598
Solano.....	166,759	201,091	30,193	404,614
Sonoma.....	353,073	318,871	187,176	195,369
Stanislaus.....	1,720	52,365	52,816	70,605
Tehama.....	9,600	9,000	3,500	7,000
Trinity.....	570,013	708,255	579,088	621,244
Tulare.....	230,810	32,313	36,200	41,175
Tuolumne.....	1,106,230	1,389,774	1,615,320	1,791,056
Ventura.....	205,942	345,093	546,837	714,766
Yolo.....	204	200	720	144
Yuba.....	800	325,384	143,278	125,871
Unapportioned.....	6,076,857	3,354,663	3,410,794	377,783
Totals.....	\$46,776,085	\$43,069,227	\$43,778,348	\$37,759,040

Copper			Borax		
Year	Pounds	Value	Year	Pounds	Value
1887.....	1,600,000	\$ 192,000	1887.....	2,029,380	\$ 116,689
1888.....	1,570,021	235,303	1888.....	2,809,088	196,636
1889.....	151,505	18,180	1889.....	1,939,650	145,473
1890.....	23,347	3,502	1890.....	6,402,034	480,152
1891.....	3,397,455	424,675	1891.....	8,533,337	640,000
1892.....	2,960,944	342,808	1892.....	11,050,495	838,787
1893.....	239,682	21,571	1893.....	7,910,563	593,292
1894.....	738,594	72,486	1894.....	11,540,099	807,807
1895.....	225,650	21,901	1895.....	11,918,000	595,900
1896.....	1,992,844	199,519	1896.....	13,508,000	675,400
1897.....	13,638,626	1,540,666	1897.....	16,000,000	1,080,000
1898.....	21,543,229	2,475,168	1898.....	16,600,000	1,153,000
1899.....	23,915,486	3,990,534	1899.....	40,714,000	1,139,882
1900.....	29,515,512	4,748,242	1900.....	51,674,000	1,013,251
1901.....	34,931,788	5,501,782	1901.....	14,442,000	982,380
1902.....	27,860,162	3,239,975	1902.....	34,404,000	2,234,994
1903.....	19,113,861	2,520,997	1903.....	68,860,000	661,400
1904.....	29,974,154	3,969,995	1904.....	91,294,000	698,810
1905.....	16,997,489	2,650,605	1905.....	97,068,000	1,019,158
1906.....	28,726,448	5,522,712	1906.....	116,346,000	1,182,410

Asphalt			Bituminous Rock		
Year	Tons	Value	Year	Tons	Value
1887.....	4,000	\$ 16,000	1887.....	36,000	\$ 160,000
1888.....	3,100	39,500	1888.....	50,000	257,000
1889.....	3,000	30,000	1889.....	40,000	170,000
1890.....	3,000	30,000	1890.....	40,000	160,000
1891.....	4,000	40,000	1891.....	39,962	154,164
1892.....	7,550	75,500	1892.....	24,000	72,000
1893.....	9,150	161,250	1893.....	32,000	192,036
1894.....	11,698	233,800	1894.....	31,214	115,193
1895.....	25,525	170,500	1895.....	38,921	121,586
1896.....	20,914	362,590	1896.....	49,456	122,500
1897.....	22,697	404,350	1897.....	45,470	128,173
1898.....	25,690	482,175	1898.....	46,836	137,575
1899.....	15,060	308,130	1899.....	40,321	116,097
1900.....	12,575	253,950	1900.....	25,306	71,495
1901.....	21,634	313,219	1901.....	24,052	66,354
1902.....	34,511	349,344	1902.....	33,490	43,411
1903.....	41,670	503,659	1903.....	21,944	53,106
1904.....	56,187	672,910	1904.....	45,280	175,680
1905.....	40,304	285,290	1905.....	24,753	60,436
1906.....	77,756	777,560	1906.....	16,077	45,204

Salt			Coal		
Year	Tons	Value	Year	Tons	Value
1887.....	28,000	\$112,000	1887.....	50,000	\$150,000
1888.....	30,800	92,400	1888.....	95,000	380,000
1889.....	21,000	63,000	1889.....	121,280	288,232
1890.....	8,729	57,085	1890.....	110,711	283,019
1891.....	26,094	90,303	1891.....	93,301	204,902
1892.....	23,570	104,788	1892.....	85,178	209,711
1893.....	50,500	213,000	1893.....	72,603	167,555
1894.....	49,131	140,087	1894.....	59,887	139,862
1895.....	53,031	150,576	1895.....	79,858	193,790
1896.....	64,743	153,244	1896.....	70,649	161,335
1897.....	67,851	157,520	1897.....	87,449	196,255
1898.....	93,421	170,855	1898.....	143,045	337,475
1899.....	82,654	149,588	1899.....	160,941	420,109
1900.....	89,338	204,754	1900.....	176,956	535,531
1901.....	126,218	366,376	1901.....	150,724	401,772
1902.....	115,208	205,876	1902.....	88,460	248,622
1903.....	102,895	211,365	1903.....	93,026	265,383
1904.....	95,968	187,300	1904.....	79,062	376,494
1905.....	77,118	141,925	1905.....	46,500	144,500
1906.....	101,650	213,228	1906.....	24,850	61,600

Clay (Pottery)			Gypsum		
Year	Tons	Value	Year	Tons	Value
1887.....	75,000	\$37,500	1887.....	2,700	\$27,000
1888.....	75,000	37,500	1888.....	2,500	25,000
1889.....	75,000	37,500	1889.....	3,000	30,000
1890.....	100,000	50,000	1890.....	3,000	30,000
1891.....	100,000	50,000	1891.....	2,000	20,000
1892.....	100,000	50,000	1892.....	2,000	20,000
1893.....	24,856	67,284	1893.....	1,620	14,280
1894.....	28,475	35,073	1894.....	2,446	24,584
1895.....	37,660	39,685	1895.....	5,158	51,014
1896.....	41,907	62,900	1896.....	1,310	12,580
1897.....	24,592	30,290	1897.....	2,200	19,250
1898.....	28,947	33,747	1898.....	3,100	23,600
1899.....	40,600	42,700	1899.....	3,663	14,950
1900.....	59,636	60,956	1900.....	2,522	10,088
1901.....	55,679	39,144	1901.....	3,875	38,750
1902.....	67,933	74,163	1902.....	10,200	53,500
1903.....	90,972	99,907	1903.....	6,914	46,441
1904.....	84,149	81,952	1904.....	8,350	56,592
1905.....	133,805	130,146	1905.....	12,880	54,500
1906.....	167,267	162,283	1906.....	21,000	69,000

Lead			Lime	
Year	Tons	Value	Year	Value
1887.....	580	\$52,200	1887.....	\$368,750
1888.....	450	38,250	1888.....	381,750
1889.....	470	35,720	1889.....	416,780
1890.....	400	36,000	1890.....	350,000
1891.....	570	49,020	1891.....	300,000
1892.....	680	54,400	1892.....	300,000
1893.....	333	24,975	1893.....	301,276
1894.....	475	28,500	1894.....	337,975
1895.....	796	49,364	1895.....	457,784
1896.....	646	38,805	1896.....	332,617
1897.....	298	20,264	1897.....	291,456
1898.....	328	23,907	1898.....	278,558
1899.....	360	30,642	1899.....	343,760
1900.....	520	41,600	1900.....	315,231
1901.....	360	28,820	1901.....	434,133
1902.....	175	12,230	1902.....	460,140
1903.....	55	3,960	1903.....	592,268
1904.....	62	5,270	1904.....	658,956
1905.....	266	25,083	1905.....	878,647
1906.....	169	19,307	1906.....	925,887

Granite		All Minerals	
Year	Value	Year	Total Value
1887.....	\$ 150,000	1887.....	\$19,785,868
1888.....	57,000	1888.....	19,469,320
1889.....	1,329,018	1889.....	16,681,731
1890.....	1,200,000	1890.....	18,039,666
1891.....	1,300,000	1891.....	18,872,413
1892.....	1,000,000	1892.....	18,300,168
1893.....	531,322	1893.....	18,811,261
1894.....	228,816	1894.....	20,203,294
1895.....	224,329	1895.....	22,844,663
1896.....	201,004	1896.....	24,291,398
1897.....	188,024	1897.....	25,142,441
1898.....	147,732	1898.....	27,289,079
1899.....	141,070	1899.....	29,313,460
1900.....	295,772	1900.....	32,622,945
1901.....	519,285	1901.....	34,355,981
1902.....	255,239	1902.....	35,069,105
1903.....	678,670	1903.....	37,759,040
1904.....	467,472	1904.....	43,778,348
1905.....	353,837	1905.....	43,069,227
1906.....	344,083	1906.....	46,776,085

RECEIPTS OF LEADING PRODUCTS

The following shows the monthly receipts at San Francisco from California, Oregon and Washington during 1907:

MONTHS	FLOUR, barrels		WHEAT, centals		BARLEY, centals		OATS, centals		HOPS, bales	
	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.	Cali- fornia	Oregon, etc.
January	42,319	27,945	95,433	6,785	475,186	.....	45,749	50,280	327	.....
February	49,637	26,539	54,625	3,208	328,101	.....	17,057	15,477	1,985	.....
March	58,095	36,225	55,881	9,980	315,592	.....	13,271	23,477	401	23
April	62,543	39,836	40,214	2,343	145,381	.....	23,795	7,592	113	.....
May	60,876	35,333	40,321	13,581	139,614	.....	21,874	17,590	707	126
June	44,621	34,845	72,194	84,840	182,700	.....	29,038	30,063	624	.....
July	44,113	29,776	29,176	49,475	160,515	.....	11,092	8,032	769	82
August	40,785	32,121	46,343	37,046	275,583	7,963	32,689	13,918	102	5
September	40,468	24,995	31,086	17,934	316,203	17,146	39,910	32,970	2,076	.....
October	52,697	38,239	32,929	87,912	342,857	6,316	57,431	65,749	1,760	.....
November	36,455	36,682	133,078	46,659	326,014	10,660	42,477	65,421	774	.....
December	31,358	38,027	283,847	132,459	198,504	36,028	12,785	18,967	250	.....
Totals	563,967	400,563	915,127	492,222	3,206,250	78,113	347,468	349,536	9,888	286
1906	1,783,634	1,364,165	584,903	910,989	3,462,585	12,597	366,651	137,591	17,590	148
1905	649,546	396,438	781,447	2,906,106	3,558,308	51,180	403,980	265,438	41,416	15
1904	897,720	416,412	1,805,144	1,347,412	3,480,979	2,152	535,562	294,356	34,011	323
1903	1,000,778	366,199	3,132,300	1,082,933	4,517,456	123,677	217,798	218,858	29,430	229
1902	1,379,259	364,293	8,902,646	217,897	5,928,805	15,104	555,977	259,498	14,631	346
1901	1,325,093	349,914	9,864,255	9,360	5,943,032	.....	570,600	233,402	8,913	22
1900	1,389,959	379,584	7,625,002	170,157	3,840,121	529	502,620	210,742	8,493	1,895
1899	1,178,094	363,903	3,457,173	291,803	4,230,114	87,079	449,521	241,435	8,015	782
1898	936,265	383,288	3,602,514	1,405,447	1,407,976	680,951	216,290	572,616	12,511	236
1897	970,805	330,532	8,921,191	696,515	4,457,720	4,127	240,945	284,655	7,862	233
1896	1,277,158	318,704	11,936,571	587,638	4,902,803	31,674	237,475	449,989	9,069	1,041

PRODUCE RECEIPTS

The receipts of the leading commodities of produce at San Francisco, from all sources during 1907, and the totals for a series of years makes the following showing:

1907	Flour, qu. sks.	Wheat, ctls.	Barley, ctls.	Oats, ctls.	Beans, sks.	Corn, ctls.	Rye, ctls.	Potatoes, sks.	Onions sks.	Bran, sks.	Mid- dlings, sks.	Hay, Tons	Hops, Bales	Must. sks.	Flax- seed, sks.	Wool, bales
January.....	286,271	93,218	475,822	92,227	32,744	7,209	1,130	96,567	11,374	59,003	25,465	16,239	327	.....	425	1,040
February.....	304,506	57,773	328,591	32,534	32,253	3,622	440	90,613	13,350	53,257	9,954	13,937	1,985	.....	.....	768
March.....	394,946	64,594	317,722	37,348	37,969	1,674	877	75,750	5,926	28,703	9,536	13,864	424	.....	.....	868
April.....	406,507	42,557	149,581	31,927	35,545	3,320	2,464	119,724	15,509	47,178	11,762	19,100	113	.....	1,220	8,355
May.....	384,825	53,902	144,747	39,464	29,214	5,022	1,340	66,278	8,562	95,862	6,438	13,548	833	.....	500	9,659
June.....	317,858	157,034	186,554	59,101	22,381	2,454	360	79,787	10,656	83,021	6,262	19,163	624	.....	.....	5,566
July.....	248,509	74,151	160,515	19,124	18,173	4,987	900	93,467	9,886	78,546	11,873	22,644	851	.....	796	3,824
August.....	285,239	83,377	236,464	46,607	17,047	2,927	1,440	99,226	10,016	48,259	10,608	25,402	107	83	.....	3,280
September.....	261,850	98,980	310,706	72,880	31,679	580	325	84,021	15,935	50,148	10,176	19,671	2,076	246	.....	3,491
October.....	358,305	120,841	353,883	123,180	103,361	1,510	2,453	87,536	14,720	47,940	10,183	15,629	1,760	600	.....	3,046
November.....	296,617	179,737	337,133	107,898	43,102	2,385	882	108,530	13,641	36,578	13,174	16,897	774	.....	.....	3,544
December.....	279,728	408,306	234,158	31,752	18,803	4,839	420	91,360	12,896	43,104	5,406	15,596	250	647	1,299	3,548
Totals, 1907.....	3,875,251	1,434,470	3,325,856	694,042	422,271	40,529	13,031	1,092,867	143,471	671,599	130,837	211,690	10,124	1,576	4,242	47,029
Totals, 1906.....	2,061,737	649,166	3,653,710	362,954	548,228	33,758	20,021	1,031,098	177,764	700,238	105,791	174,049	16,851	715	1,765	20,715
Totals, 1905.....	4,149,935	3,719,994	3,618,580	689,055	888,669	271,466	46,447	1,385,861	202,043	639,393	143,631	181,971	41,431	2,951	25,973	69,589
Totals, 1904.....	5,182,362	3,161,106	3,483,131	832,110	637,947	205,471	64,906	1,357,375	154,225	556,887	128,498	176,403	34,334	3,887	39,257	78,838
Totals, 1903.....	5,467,909	3,889,977	5,251,967	806,714	648,271	163,738	46,784	1,314,054	176,923	584,759	159,768	181,491	29,656	4,366	86,616	66,608
Totals, 1902.....	6,974,214	9,120,543	5,943,909	819,115	756,320	148,604	361,585	1,301,706	224,222	619,584	217,316	155,024	14,023	4,210	97,179	71,760
Totals, 1901.....	6,700,029	9,874,615	5,943,035	837,221	623,114	107,852	200,688	1,480,440	212,034	578,766	50,561	149,874	8,935	9,440	65,780	78,965
Totals, 1900.....	7,066,351	8,565,190	5,943,035	726,386	543,691	176,548	111,305	1,466,877	182,331	701,220	151,363	161,163	10,077	9,773	65,826	46,607
Totals, 1899.....	6,024,642	3,778,654	3,702,625	698,887	404,151	190,404	103,740	1,148,919	194,184	580,434	140,591	148,961	13,083	20,424	37,849	89,421
Totals, 1898.....	5,253,977	4,969,680	2,076,921	698,887	450,082	298,467	43,306	1,203,601	177,991	672,253	128,445	128,993	7,394	16,887	23,017	58,675
Totals, 1897.....	5,200,910	9,647,248	4,527,187	780,559	586,800	541,530	110,935	1,114,463	130,566	555,898	124,127	147,410	13,083	4,718	17,879	100,097
Totals, 1896.....	6,197,625	12,641,706	5,102,014	689,222	566,565	257,871	214,807	1,115,788	152,093	607,459	138,331	141,663	9,887	38,342	41,183	76,083
Totals, 1895.....	5,203,094	12,255,849	2,798,638	630,805	562,086	212,166	44,180	1,079,000	140,305	520,853	.....	142,788	11,982	58,782	96,672	95,814
Totals, 1894.....	4,511,217	8,766,242	2,076,920	687,152	509,720	324,032	42,601	1,168,479	.....	.....	.....	142,927	11,057	54,211	37,186	102,144
Totals, 1893.....	4,481,950	12,667,224	4,237,893	606,584	515,226	330,149	73,600	1,313,270	.....	.....	.....	127,653	10,229	59,648	11,497	89,672
Totals, 1892.....	5,332,405	10,435,610	2,746,878	583,398	648,909	262,042	72,999	1,259,151	.....	.....	.....	123,810	7,650	28,307	51,894	96,330
Totals, 1891.....	5,862,388	18,183,133	2,710,538	545,782	402,076	369,904	139,336	1,274,607	.....	.....	.....	126,540	9,413	24,851	69,011	86,352
Totals, 1890.....	5,917,700	14,209,226	1,851,346	532,332	420,595	367,690	146,967	1,355,418	.....	.....	.....	132,042	10,154	29,412	56,155	101,490
Totals, 1889.....	5,597,109	13,216,621	2,255,560	586,484	368,135	213,712	51,273	1,351,897	.....	.....	.....	124,264	14,149	27,941	72,203	109,746
Totals, 1888.....	4,354,420	12,917,228	2,792,631	609,529	269,057	221,098	28,543	1,239,430	.....	.....	.....	127,701	17,952	26,108	95,906	105,338
Totals, 1887.....	3,600,345	9,602,631	2,055,366	414,812	423,530	281,600	32,277	961,200	.....	.....	.....	117,360	.....	37,734	58,193	110,799
Totals, 1886.....	4,885,772	16,527,503	2,184,560	508,717	361,320	218,100	26,275	1,079,593	.....	.....	.....	99,442	.....	43,828	88,704	114,098

NAVAL CONSTRUCTION.

The following is a complete list of warships built for the United States Navy by the Union Iron Works at San Francisco.

NAME	Displace- ment Tons	Type	Horse power	Speed Knots	Launched
Charleston*	4,040	Protected Cruiser.....	6,660	18.20	July 19, 1888
San Francisco.....	4,088	Protected Cruiser.....	10,604	20.17	Oct. 26, 1889
Monterey.....	4,350	Armored Monitor	5,810	16	April 28, 1891
Olympia.....	5,870	Protected Cruiser.....	17,313	21.68	Nov. 5, 1892
Oregon	10,500	Armored Battleship	12,000	16	Oct. 26, 1893
Marietta.....	1,000	Gunboat.....	1,040	12	March 18, 1897
Wheeling	1,000	Gunboat.....	1,003	12	March 18, 1897
Farragut	240	Torpede Boat.....	5,600	30.60	July 16, 1898
Wisconsin.....	11,500	Armored Battleship.....	12,766	18.54	Nov. 26, 1898
Wyoming.....	2,700	Harbor Defense Monitor...	2,900	12.70	Sept. 8, 1900
Perry.....	420	Torpedo Boat Destroyer...	8,000	29	Oct. 27, 1900
Preble.....	420	Torpedo Boat Destroyer...	8,000	29	March 2, 1901
Ohio	12,440	Armored Battleship.....	14,600	18	May 18, 1901
Paul Jones.....	420	Torpedo Boat Destroyer...	7,840	28.90	June 14, 1902
Grampus.....	120	Submarine Boat.....	70	8.50	July 31, 1902
Pike.....	120	Submarine Boat.....	70	8.50	Jan. 14, 1903
Tacoma	3,500	Protected Cruiser.....	4,500	16.50	June 2, 1903
California	13,800	Armored Cruiser.....	23,000	22.20	April 28, 1904
South Dakota.....	13,400	Armored Cruiser.....	23,000	22.24	July 21, 1904
Milwaukee.....	9,700	Protected Cruiser.....	21,000	23.07	Sept. 10, 1904

*Lost, November 7, 1899, on the north coast of Luzon, Philippine Islands.

SHIPBUILDING SUMMARY.

The following is a classified list of new vessels built on the Pacific Coast and documented at San Francisco for a series of years past.

YEAR	VESSELS		Total Vessels	TONNAGE	
	Steam	Sail		Gross	Net
1887.....	23	31	54	17,629	13,908
1888.....	31	27	58	21,921	17,360
1889.....	28	18	46	8,544	7,091
1890.....	16	29	45	12,063	10,175
1891.....	9	35	44	8,939	8,586
1892.....	23	54	79	9,885	8,915
1893.....	6	15	21	2,897	2,394
1894.....	3	14	17	2,577	2,095
1895.....	6	16	22	1,584	1,350
1896.....	7	8	15	3,393	2,384
1897.....	4	6	10	961	705
1898.....	39	8	47	17,337	10,532
1899.....	13	7	20	6,675	5,701
1900.....	33	18	51	29,221	22,779
1901.....	25	16	41	11,519	9,669
1902.....	21	21	42	26,226	20,095
1903.....	21	4	25	21,025	14,210
1904.....	18	6	24	8,239	5,429
1905.....	19	3	22	9,030	7,375
1906.....	14	2	16	7,208	4,719
1907.....	22	...	22	27,549	17,412

SHIPBUILDING IN 1907

List of the new vessels built on the Pacific Coast during the year 1907 that were documented at San Francisco.

Rlg	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Steamer..	Claremont.....	John W. Dickie.....	Alameda.....	1138	774
Steamer..	Temple E. Dorr...	.....	Hoquiam, Wash....	720	453
Steamer..	J. Marhoffer.....	.....	Aberdeen, Wash....	608	334
Steamer..	Aetna.....	H. Crone.....	San Francisco.....	130	82
Steamer..	Florence Ward ...	Bendixen Ship Co..	Fairhaven, Cal.....	266	152
Steamer..	R. D. Inman.....	.....	Marshfield, Or.....	768	427
Steamer..	Wellesley .....	.....	Prosper, Or.....	709	430
Steamer..	Restless.....	Fulton Iron Works.	San Francisco.....	64	27
Steamer..	Bandon.....	.....	North Bend, Or....	642	350
Steamer..	Sibyl Marston....	W. A. Boole & Son..	Oakland, Cal.....	1086	647
Steamer..	Yellowstone.....	Bendixen Ship Co..	Fairhaven, Cal.....	767	456
Steamer..	Bee .....	.....	Aberdeen, Wash....	662	375
Steamer..	Fernwood	John W. Dickie.....	Oakland.....	1160	789
Steamer..	Empress.....	Wm. Cryer.....	Oakland	65	44
Steamer..	Gray's Harbor....	.....	Aberdeen, Wash....	659	374
Steamer..	Shna Yak .....	.....	Winslow, Wash....	839	452
Steamer..	Mexican.....	Union Iron Works.	San Francisco.....	8579	5598
Steamer..	Columbian	Union Iron Works.	San Francisco.....	8579	5598
Steamer..	Sinaloa.....	C. C. F. Peters.....	San Francisco.....	34	19
Steamer..	Crowley No. 1....	Stone & VanBergen	San Francisco.....	15	7
Steamer..	Crowley No. 2....	Stone & VanBergen	San Francisco.....	15	7
Steamer..	Eagle.....	Stone & VanBergen	San Francisco.....	44	17
Totals..	.....	.....	.....	27,549	17,412

SHIPBUILDING IN 1906

List of the new vessels built on the Pacific Coast during the year 1906 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Steamer ..	Benicia.....	John Haug	Richmond.....	347	212
Steamer ..	Tiverton.....	.....	Hoquiam, Wash.....	557	336
Steamer ..	Thos. L. Wand ...	.....	Aberdeen, Wash....	657	413
Steamer ..	Yosemite.....	H. D. Bendixsen ...	Fairhaven, Cal.....	827	525
Schooner	Washcalore.....	.....	Marshfield, Or.....	315	303
Steamer ..	Tamalpais.....	.....	Hoquiam, Wash....	574	422
Steamer ..	Sonoma Valley...	A. H. Schultze.....	San Francisco.....	37	29
Steamer ..	Quinault.....	.....	Aberdeen, Wash....	582	426
Steamer ..	Svea.....	.....	Fairhaven, Cal.....	618	370
Steamer ..	Jim Butler.....	.....	Aberdeen, Wash....	642	343
Schooner	Edith.....	E. Munder.....	San Francisco.....	135	119
Steamer ..	Casco.....	.....	Marshfield, Or.....	569	359
Steamer ..	Carmel.....	.....	Aberdeen, Wash....	633	401
Steamer ..	Hoquiam.....	.....	Fairhaven Cal.....	644	440
Steamer ..	Jupiter	Charles Smith.....	Sacramento	14	9
Steamer ..	Princess	W. D. Nutz	Vallejo, Cal.....	17	12
Totals ..	.....	.....	.....	7,208	4,719

SHIPBUILDING IN 1905

List of the new vessels built on the Pacific Coast during the year 1905 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Steamer..	Oriole.....	L. H. Brainard	Sacramento.....	68	59
Steamer..	San Francisco	John W. Dickie.....	Alameda.....	1,070	727
Steamer..	Sea Lark.....	Christie Mach. Wks	San Francisco.....	69	35
Schooner	Olga F.....	Wm. Munder & Sons	San Francisco.....	64	51
Steamer..	Car Float No. 2...	Wm. McKenzie.....	Oakland.....	1,374	1,374
Steamer..	Sea Foam.....	.....	Aberdeen, Wash....	339	205
Steamer..	Frances.....	Chas. T. Foster.....	San Francisco.....	698	542
Steamer..	Champion.....	California Nav. Co.	Stockton.....	477	431
Steamer..	Anvil	W. F. Stone.....	San Francisco.....	363	276
Schooner	Matilda	E. Munder.....	San Francisco.....	102	92
Steames ..	Sotoyome.....	Andrew Peterson...	Albion, Cal.....	534	398
Steamer..	Iolanda	S. O. Pasquinnucci...	San Francisco.....	53	31
Steamer..	Wasp .....	.....	Fairhaven, Cal.....	563	360
Steamer..	Oakland .....	.....	Marshfield, Cal.....	146	117
Steamer..	Daisy Mitchell....	.....	Fairhaven, Cal.....	612	395
Steamer..	Newtown No. 2...	W. D. Delaney.....	Benicia.....	217	185
Bark.....	Mauga Reva.....	.....	Alameda.....	2,214	2,052
Steamer..	Union Flag.....	J. C. Beetle	Alameda.....	10	7
Steamer..	Independent.....	W. D. Nutz	Vallejo	14	10
Steamer..	Smith's.....	J. C. Beetle	Alameda.....	17	11
Steamer..	Amazon	S. O. Pasquinnucci...	San Francisco.....	15	10
Steamer..	Ryer Island	Wm. Cryer.....	San Francisco.....	11	7
Totals ..	.....	.....	.....	9,030	7,375

SHIPBUILDING IN 1904

List of the new vessels built on the Pacific Coast during the year 1904 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Schooner	Erma	W.E.Munder&Sons	San Francisco.....	94	79
Steamer ..	Like Like.....	Union Iron Works.	San Francisco.....	374	214
Steamer ..	Expansion.....	W. A. Boole & Son..	Oakland.....	135	91
Steamer ..	Bee .....	.....	Aberdeen, Wash.....	601	369
Steamer ..	F. A. Kilburn.....	H. D. Bendixsen....	Fairhaven, Cal.....	728	458
Steamer ..	Nushagak	United Eng. Works	Alameda.....	739	478
Schooner	Adele Hobson.....	W.E.Munder&Sons	San Francisco.....	71	60
Steamer ..	Cabrillo	Wm. Moller.....	San Pedro	611	387
Sloop	Red Rock.....	H. P. Anderson	San Francisco.....	177	150
Schooner	Mono.....	H. P. Anderson	San Francisco.....	142	126
Steamer ..	Northland.....	.....	Fairhaven, Cal.....	845	560
Steamer ..	Norwood	Hall Bros.....	Winslow, Wash.....	760	492
Steamer ..	Arabs	W. F. Stone.....	San Francisco.....	155	91
Steamer ..	Vanguard	John W. Dickie.....	Alameda.....	358	228
Schooner	Ensign.....	.....	Everett, Wash.....	618	522
Steamer ..	Helen P. Drew....	.....	Hoquiam, Wash.....	286	178
Steamer ..	Cascade.....	.....	Eureka	515	339
Steamer ..	Harold Dollar....	.....	Fairhaven, Cal.....	915	607
Sloop	Christina B.....	.....	San Francisco.....	9	6
Steamer ..	George R. Bailey.	J. C. Beetle	Alameda.....	26	16
Steamer ..	Kami-hak	United Eng. Works	Alameda.....	21	8
Steamer ..	Ukamuk	United Eng. Works	Alameda.....	24	10
Steamer ..	Elsie.....	H. P. Anderson.....	San Francisco.....	23	13
Steamer ..	Century	Geo. H. Hanson.....	Sobranste	10	7
Totals..	.....	.....	.....	8,239	5,429

SHIPBUILDING IN 1903

List of the new vessels built on the Pacific Coast during the year 1903 that were documented at San Francisco.

Rig	Name	Builder	Where Built	Gross Tonnage	Net Tonnage
Steamer ..	Hercules	H. Anderson	San Francisco	20.89	20
Steamer ..	Pedro Costa	W. F. Stone & Co. ..	San Francisco	51.57	32
Steamer ..	Laguinitas	W. A. Boole & Son ..	Oakland	767.98	767
Schooner	Annie E. Smale .....	.....	Marshfield, Or.	845.41	809
Steamer ..	Rita Newman	W. A. Boole & Son ..	Oakland	182.36	120
Steamer ..	Whittier	Union Iron Works ..	San Francisco	1,295.57	798
Steamer ..	Ada Warren	R. W. Schultze	San Francisco	45.81	26
Steamer ..	Cazadero	John W. Dickie	Alameda	1,682.69	991
Steamer ..	Ramona	Risdon Iron Works ..	Alameda	575.85	362
Steamer ..	Fran's H. Leggett ..	Newport News Co. ..	Newport News, Va. ..	1,606.65	975
Steamer ..	Gretta A.	M. J. Nunes	Freeport	53.33	38
Steamer ..	San Gabriel	United Eng. Works ..	Alameda	484.99	312
Steamer ..	San Jose	John W. Dickie	Alameda	1,115.46	758
Steamer ..	Yerba Buena	John W. Dickie	Alameda	1,115.46	758
Steamer ..	Pilot	W. J. Campbell	San Francisco	88.10	43
Schooner	Sausalito	W. F. Stone & Co. ..	San Francisco	367.26	326
Steamer ..	Brunswick	Rebuilt	Alameda	512.01	349
Steamer ..	Topo	Hay & Wright	Alameda	229.67	173
Steamer ..	Dauntless	Risdon Iron Works ..	San Francisco	269.90	144
Schooner	Ellen	E. Munder	San Francisco	84.15	72
Steamer ..	Pomo .....	.....	Fairhaven, Cal.	368.41	215
Steamer ..	Elizabeth	W. F. Stone & Co. ..	San Francisco	363.44	284
Steamer ..	Arizonian	Union Iron Works ..	San Francisco	8,671.60	5,621
Schooner	Slaflafi	M. Turner	Benicia	38.77	30
Steamer ..	Chinega	United Eng. Works ..	San Francisco	180.01	167
Totals..	.....	.....	.....	21,025.34	14,210

PACIFIC COAST TRADE

The foreign trade of the Pacific Coast ports as shown by Custom House statistics during a series of years were as follows:

EXPORTS

DISTRICT	1902	1903	1904	1905	1906	1907
Alaska.....	\$ 1,573,537	\$ 1,614,378	\$ 1,168,848	\$ 1,095,598	\$ 1,504,775	\$ 2,138,716
Hawaii.....	41,968	38,897	51,207	60,621	99,972	197,184
Humboldt, Cal.....	409,803	673,877	190,321	409,468	707,072	823,973
Los Angeles, Cal.....	237	733	506	.....	12,105	45,000
Oregon.....	155,517	43,843	9,100	57,157	73,475	329,103
Puget Sound, Wash...	34,856,859	27,450,507	26,898,423	56,290,017	42,761,920	43,964,100
San Diego, Cal.....	159,832	314,616	163,352	415,693	564,794	766,972
San Francisco, Cal...	37,897,793	32,711,195	39,022,220	47,718,011	33,861,374	30,378,855
Southern Oregon.....	20,364	9,277	24,032	9,359	15,435	21,244
Willamette, Or.....	11,524,391	9,965,904	7,098,286	10,107,740	8,413,527	15,167,761
Total.....	\$86,640,301	\$72,823,227	\$74,626,295	\$116,163,664	\$88,014,449	\$93,832,908

IMPORTS

DISTRICT	1902	1903	1904	1905	1906	1907
Alaska.....	\$ 498,227	\$ 526,834	\$ 1,260,856	\$1,076,701	\$ 1,004,047	\$ 960,669
Hawaii.....	2,981,473	3,643,699	3,562,408	2,576,065	3,831,352	4,478,289
Humboldt, Cal.....	2,264	8,201	65	6,083	26	8,421
Los Angeles, Cal.....	653,146	1,382,302	1,169,281	721,705	1,180,044	1,654,549
Oregon.....	3,715	20,598	38,702	31,747	21,766	21,262
Puget Sound, Wash...	12,722,765	12,133,230	8,607,158	10,646,848	21,123,160	24,710,231
San Diego, Cal.....	355,825	433,835	360,888	346,508	539,933	802,787
San Francisco, Cal...	36,078,270	36,552,187	43,410,005	44,240,984	49,139,378	54,207,011
Southern Oregon.....	.....	.....	.....	5	.....	.....
Willamette, Or.....	2,912,565	2,708,668	2,648,995	2,604,287	3,246,144	4,417,115
Total.....	\$56,208,250	\$57,409,554	\$61,058,358	\$62,250,933	\$80,085,850	\$91,260,334

AMERICAN COMMERCE

The foreign trade of the United States during a series of years was as follows:

EXPORTS

YEARS	Atlantic ports	Gulf ports	Mexican border ports	Pacific ports	Northern border and Lake ports	Interior ports	Total
1893.....	\$642,798,894	\$131,272,337	\$10,257,106	\$38,935,502	\$ 52,844,942	.....	\$ 876,108,871
1894.....	616,964,745	120,071,849	7,842,214	31,901,916	48,321,524	.....	825,102,248
1895.....	596,244,559	120,300,517	9,456,585	41,323,860	57,534,615	.....	824,860,136
1896.....	701,114,790	170,452,067	13,079,106	58,109,021	63,081,720	\$ 537	1,005,837,241
1897.....	772,210,869	181,028,211	12,503,778	63,757,679	70,208,508	.....	1,099,700,045
1898.....	892,299,004	202,213,778	13,755,997	61,077,150	85,916,958	283,379	1,255,546,266
1899.....	896,532,699	203,368,668	18,295,824	60,026,637	97,039,277	204,866	1,275,467,971
1900.....	1,007,331,868	269,602,629	23,952,224	71,063,247	105,399,653	596,492	1,477,946,113
1901.....	967,306,139	286,423,623	21,091,035	80,813,130	109,473,533	268,400	1,465,375,860
1902.....	876,668,535	257,117,589	26,312,984	86,640,301	113,966,370	156	1,360,705,933
1903.....	919,910,816	331,596,006	26,557,693	72,823,227	133,864,212	1,129	1,484,753,083
1904.....	892,750,549	314,457,643	27,668,849	74,626,295	141,815,404	.....	1,451,318,740
1905.....	978,357,051	341,156,675	29,347,821	116,163,664	161,963,715	1,869	1,628,990,795
1906.....	1,073,994,736	409,960,837	38,812,498	88,014,449	187,457,767	3,147	1,798,243,434
1907.....	1,155,722,100	432,787,518	41,234,773	93,832,908	199,815,150	2,818	1,923,395,267

IMPORTS

YEARS	Atlantic ports	Gulf ports	Mexican border ports	Pacific ports	Northern border and Lake ports	Interior ports	Total
1893.....	\$642,017,157	\$23,828,271	\$11,690,959	\$42,438,310	\$48,742,000	\$ 7,532,227	\$776,248,924
1894.....	561,917,691	18,261,817	4,839,937	41,891,106	43,116,293	6,286,097	676,312,941
1895.....	666,525,645	18,240,986	3,508,967	46,280,572	58,640,532	8,472,645	801,669,347
1896.....	564,591,938	16,907,176	3,265,497	42,630,130	46,965,529	7,219,286	681,579,556
1897.....	616,303,353	17,756,220	4,357,113	50,965,808	46,733,790	6,478,947	742,595,229
1898.....	522,454,966	13,581,717	5,595,559	43,692,620	42,674,712	6,964,874	634,964,448
1899.....	654,472,800	20,073,280	4,866,232	57,779,603	53,695,939	8,079,556	798,967,410
1900.....	680,896,076	26,221,750	5,974,725	49,903,617	56,631,969	9,521,577	829,149,714
1901.....	707,303,987	29,824,241	13,610,845	53,193,327	64,798,449	11,689,061	880,419,910
1902.....	775,545,306	35,365,542	14,230,246	56,208,250	75,119,815	12,851,794	969,320,953
1903.....	788,606,027	39,027,149	12,112,383	57,409,554	83,393,381	14,945,833	995,494,327
1904.....	814,074,888	47,868,873	13,642,958	61,058,358	85,712,674	13,551,489	1,035,909,190
1905.....	941,329,365	51,202,642	15,823,742	62,250,933	93,371,105	15,166,763	1,179,144,550
1906.....	1,042,440,724	59,079,650	17,227,316	80,085,850	104,308,293	17,359,109	1,320,501,572
1907.....	1,107,478,449	62,178,491	16,581,546	91,269,334	122,731,845	23,059,028	1,423,289,693

The destinations of shipments from the United States to foreign countries during a series of years were as follows:

EXPORTS

YEARS	Europe	North America	South America	Asia and Oceania	Africa and other countries	Total
1893.....	\$ 679,616,353	\$125,283,901	\$34,322,834	\$31,038,953	\$ 5,846,740	\$ 876,108,781
1894.....	642,025,857	111,009,647	34,626,296	30,729,262	6,711,186	825,102,248
1895.....	634,386,087	114,225,264	34,171,572	33,073,633	9,003,580	824,860,136
1896.....	778,105,762	120,640,196	34,235,923	55,822,854	17,032,506	1,005,837,241
1897.....	858,049,510	129,468,932	33,506,140	62,005,036	16,679,427	1,099,709,045
1898.....	981,230,370	149,164,257	35,102,408	71,937,761	18,111,470	1,255,546,266
1899.....	959,202,820	168,854,567	37,421,700	91,386,490	18,602,394	1,275,467,971
1900.....	1,116,399,524	198,788,019	41,248,051	98,531,349	22,979,170	1,477,946,113
1901.....	1,099,574,016	199,239,040	42,553,758	94,356,953	29,652,093	1,465,375,860
1902.....	984,752,850	204,432,970	38,944,090	96,204,562	36,351,461	1,360,685,933
1903.....	1,087,059,843	227,321,198	46,357,644	92,798,927	31,215,471	1,484,753,083
1904.....	1,011,628,708	248,713,165	53,069,431	117,769,605	20,137,831	1,451,318,740
1905.....	1,093,966,597	280,064,740	66,400,108	168,083,041	18,476,309	1,626,990,795
1906.....	1,246,573,163	325,886,319	78,822,379	128,591,905	18,369,668	1,798,243,434
1907.....	1,313,045,045	362,180,385	85,612,408	143,676,685	18,880,744	1,923,395,267

IMPORTS

YEARS	Europe	North America	South America	Asia and Oceania	Africa and other countries	Total
1893.....	\$392,161,248	\$170,874,163	\$103,540,680	\$102,706,126	\$ 6,966,707	\$ 776,248,924
1894.....	317,511,443	160,081,965	103,856,505	88,696,826	6,166,202	676,312,941
1895.....	431,539,496	138,923,253	117,406,577	105,252,034	8,547,987	801,669,347
1896.....	360,213,449	106,400,055	99,785,611	105,529,003	9,651,438	681,579,556
1897.....	407,970,332	101,762,584	103,412,125	119,884,603	9,535,585	742,595,229
1898.....	324,726,482	97,830,811	83,075,415	121,194,394	8,137,346	634,964,448
1899.....	402,512,977	123,464,933	91,728,862	169,520,002	11,740,636	798,967,410
1900.....	441,610,461	130,361,453	102,706,633	143,445,861	11,025,306	829,149,714
1901.....	454,496,214	158,731,376	120,384,181	135,907,052	10,901,087	880,419,910
1902.....	513,731,154	172,990,251	109,401,111	160,711,952	12,482,402	969,316,870
1903.....	527,889,226	182,014,342	113,260,952	161,470,681	10,859,126	995,494,327
1904.....	507,247,468	204,423,583	140,059,432	174,912,598	9,266,109	1,035,909,190
1905.....	580,486,797	241,825,119	144,990,099	198,830,950	13,011,585	1,179,144,550
1906.....	700,067,050	240,709,681	147,941,781	219,331,415	12,451,645	1,320,501,572
1907.....	736,959,040	267,133,933	147,680,943	248,800,705	22,715,072	1,423,289,693

Classified, the annual foreign trade of the United States for a series of years past, as shown by Custom House reports, is as follows:

YEARS	IMPORTS			EXPORTS		
	Free of duty	Dutiable	Total	Domestic	Foreign	Total
1867	16,023,552	834,562,023	850,585,575	204,998,527	615,155,540	820,154,067
1868	18,404,354	349,802,218	368,206,572	289,444,933	11,476,475	300,921,408
1869	21,775,643	416,690,251	438,465,894	324,421,333	12,954,635	337,375,968
1870	21,199,105	439,942,953	461,142,058	397,790,202	15,905,708	413,695,910
1871	47,316,643	525,794,456	573,111,099	445,563,259	14,799,829	460,363,088
1872	94,094,635	561,870,084	655,964,719	452,143,531	16,694,395	468,837,926
1873	141,473,322	453,774,726	595,248,048	550,099,492	17,659,375	567,758,867
1874	159,076,057	403,039,950	562,116,007	553,929,342	25,943,211	579,872,553
1875	145,145,903	357,967,033	503,112,936	497,263,717	13,693,695	510,957,412
1876	139,031,139	299,316,026	438,347,165	575,735,904	14,939,925	590,675,829
1877	154,456,444	325,799,456	480,255,900	607,566,495	12,755,917	620,322,412
1878	139,443,607	242,398,976	381,842,583	723,396,921	13,965,252	737,362,173
1879	174,643,157	319,959,639	494,602,796	754,656,755	10,563,070	765,219,825
1880	306,593,345	490,223,931	796,817,276	875,564,075	14,119,347	889,683,422
1881	206,910,361	463,299,197	670,209,558	814,162,951	19,796,176	833,959,127
1882	214,136,290	509,907,117	724,043,407	749,911,309	18,070,637	767,981,946
1883	205,111,054	491,955,162	697,066,216	777,523,719	17,695,599	795,219,318
1884	304,321,396	425,940,474	730,261,870	733,799,764	15,567,466	749,367,230
1885	195,792,174	392,096,499	587,888,673	673,563,507	14,656,292	688,219,799
1886	219,297,797	443,541,002	662,838,799	699,519,430	13,994,591	713,514,021
1887	299,793,913	499,006,565	798,800,478	701,319,692	11,991,352	713,311,044
1888	219,990,235	476,921,136	696,911,371	679,597,477	12,163,573	691,761,050
1889	261,164,494	509,357,481	770,521,975	814,154,994	12,951,493	827,106,487
1890	299,529,629	534,969,399	834,499,028	845,999,033	11,502,945	857,501,978
1891	429,335,677	399,995,266	829,330,943	957,333,551	13,176,095	970,509,646
1892	446,979,951	393,852,024	840,831,975	923,277,315	15,193,345	938,470,660
1893	417,344,174	259,904,790	677,248,964	854,729,454	21,379,327	876,108,781
1894	393,371,959	292,941,009	686,312,968	807,312,116	17,790,132	825,102,248
1895	394,916,131	416,853,216	811,769,347	807,742,415	17,117,723	824,860,138
1896	322,952,457	559,627,099	882,579,556	996,970,090	19,007,161	1,015,977,251
1897	377,399,396	565,306,933	942,706,329	1,079,934,296	19,974,749	1,099,909,045
1898	399,394,173	566,590,275	965,984,448	1,233,556,140	21,999,126	1,255,555,266
1899	350,997,230	449,070,190	799,967,420	1,252,932,344	21,535,627	1,274,467,971
1900	342,299,761	496,960,959	839,260,720	1,433,010,112	24,936,001	1,457,946,113
1901	391,512,619	499,907,292	891,419,911	1,439,079,651	27,297,309	1,466,376,960
1902	409,940,299	560,676,571	970,616,870	1,533,299,491	27,417,442	1,560,716,933
1903	437,430,299	559,094,099	996,524,398	1,557,647,193	27,105,909	1,584,753,102
1904	490,616,793	545,292,497	1,035,909,290	1,425,711,233	25,907,507	1,451,618,740
1905	530,404,135	649,090,415	1,179,494,550	1,599,422,622	27,569,173	1,626,991,795
1906	591,744,320	739,757,252	1,331,501,572	1,772,716,021	25,527,413	1,798,243,434
1907	638,254,163	797,025,530	1,435,279,693	1,995,325,529	29,099,741	2,024,425,270

RAINFALL IN SAN FRANCISCO.

Compiled by U. S. Weather Bureau.

STATIONS.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 6 Mos.	Jan.	Feb.	Mar.	Apr.	May.	June.	Total 6 Mos.	Total Season.
1850-51			.33		.92	1.05	2.30	.72	.54	1.94	1.23	.87	.02	5.12	7.42
1851-52		.02	1.03	.21	2.21	7.10	10.57	.58	.14	6.68	.26	.22		7.98	18.55
1852-53				.80	5.31	13.20	19.31	3.92	1.42	4.86	5.37	.38		15.95	35.26
1853-54		.04	.46	.12	2.28	2.32	5.22	3.88	8.04	3.51	3.12	.02	.08	18.65	23.87
1854-55		.01	.15	2.43	.24	.87	3.80	3.67	4.77	4.64	5.00	1.88		19.96	23.76
1855-56					.67	5.76	6.43	9.40	.50	1.60	2.94	.76	.03	15.23	21.66
1856-57	.02		.07	.45	2.79	3.75	7.08	2.45	8.59	1.62		.02	.12	12.80	19.88
1857-58		.05		.93	3.01	4.14	8.13	4.36	1.83	5.55	1.55	.34	.05	13.68	21.81
1858-59	.05	.16		2.74	.69	6.14	9.78	1.23	6.32	3.02	.27	1.55		12.44	22.22
1859-60		.02	.03	.05	7.28	1.57	8.95	1.64	1.60	3.99	3.14	2.86	.09	13.32	22.27
1860-61	.21			.91	.58	6.10	7.86	2.47	3.72	4.08	.51	1.00	.08	11.83	19.72
1861-62			.02		4.10	9.54	13.66	24.36	7.53	2.20	.73	.74	.05	35.61	49.27
1862-63				.52	.15	2.35	3.02	3.63	3.19	2.06	1.61	.23		10.72	13.74
1863-64			.03		2.55	1.80	4.38	1.83		1.52	1.57	.78		5.70	10.08
1864-65		.21	.01	.13	6.68	8.91	15.94	5.14	1.34	.74	.94	.63		8.79	24.73
1865-66			.24	.26	4.19	.58	5.27	10.88	2.12	3.04	.12	1.46	.04	17.66	22.93
1866-67			.11		3.85	15.16	18.62	5.16	7.20	1.58	2.36			16.30	34.92
1867-68			.04	.20	3.41	10.69	14.34	9.50	6.13	6.30	2.31	.03	.23	24.50	38.84
1868-69				.15	1.18	4.34	5.67	6.35	3.90	3.14	2.19	.08	.02	15.68	21.35
1869-70			.12	1.29	1.19	4.31	6.91	3.89	4.78	2.00	1.53	.20		12.40	19.31
1870-71			.03		.43	3.88	3.84	3.07	3.76	1.31	1.89	.23	.01	10.27	14.11
1871-72		.02		.07	2.81	14.36	17.26	4.00	6.90	1.59	.81	.18	.04	13.52	30.78
1872-73	.01		.04	.11	2.79	5.95	8.90	1.58	3.94	.79	.43		.02	6.76	15.66
1873-74	.01	.08		.83	1.16	9.72	11.80	5.60	2.21	3.36	.90	.66	.14	12.93	24.73
1874-75			.02	2.69	6.55	.33	9.59	8.01	.32	1.30	.10	.22	1.02	10.97	20.56
1875-76				.24	7.27	4.15	11.66	7.55	4.92	5.49	1.29	.24	.04	19.53	31.19
1876-77	.01	.01	.38	3.36	.25		4.01	4.32	1.18	1.08	.26	.18	.01	7.03	11.04
1877-78	.02			.65	1.57	2.66	4.90	11.97	12.52	4.56	1.06	.16	.01	30.28	35.18
1878-79	.01	Tr	.55	1.27	.57	.58	2.98	3.52	4.90	8.75	1.89	2.35	.05	21.46	24.44
1879-80	.01	.02	Tr	.78	4.03	4.46	9.30	2.23	1.87	2.08	10.06	1.12		17.30	26.66
1880-81				.05	.33	12.33	12.71	8.69	4.65	.90	2.00	.22	.69	17.15	29.86
1881-82			.25	.54	1.94	3.85	6.58	1.68	2.96	3.45	1.22	.21	.04	9.52	16.14
1882-83			.26	2.66	4.18	2.01	9.11	1.92	1.04	3.01	1.51	3.52	.01	11.00	20.12
1883-84			.42	1.48	1.60	.92	4.42	3.94	6.65	8.24	6.33	.23	2.57	27.47	32.26
1884-85	Tr	.04	.33	2.55	.26	7.68	10.86	2.53	.30	1.01	3.17	.04	.19	7.24	13.10
1885-86	.06	Tr	.11	.72	11.78	4.99	17.66	7.42	.24	2.07	5.28	.37	.01	15.32	33.05
1886-87	.23	Tr	.01	1.48	.84	2.07	4.63	1.90	9.24	.84	2.30	.06	.07	14.41	19.04
1887-88	Tr	.01	.29	Tr	.99	3.34	4.63	6.81	.94	3.60	.11	.38	.27	12.11	16.71
1888-89	.01	.01	.98	.13	3.99	5.80	10.92	1.28	.72	7.78	.96	2.17	.02	12.94	23.96
1889-90	.01	Tr	Tr	7.28	2.90	13.81	24.00	9.61	5.16	4.73	1.18	1.07	.10	21.55	35.65
1890-91	.02		.31			3.25	3.53	.98	7.26	1.96	2.44	1.25	.11	14.90	17.56
1891-92	.10	.02	.77	.04	.56	5.62	7.11	2.42	2.90	2.85	1.39	1.86	Tr	11.42	19.53
1892-93			.02	1.65	3.91	5.06	10.66	3.05	2.75	4.08	1.03	.15	.03	11.09	21.75
1893-94	.02		.21	.16	4.18	2.25	6.82	5.99	2.69	.60	.50	1.31	.56	11.65	18.47
1894-95	Tr		1.05	1.73	.88	9.01	12.67	6.99	2.31	1.89	1.24	.60		13.03	25.70
1895-96	.01		.77	.11	1.73	1.43	4.10	8.14	.28	2.85	5.16	.72		17.15	21.25
1896-97	.04	.09	.52	1.55	4.56	4.34	11.10	2.26	4.41	4.56	.27	.61	.22	12.33	23.43
1897-98	Tr	Tr	.10	1.70	1.05	1.22	4.07	1.12	2.13	.24	.19	1.44	.19	5.31	9.38
1898-99		Tr	1.06	.86	.46	1.62	4.00	3.67	.10	7.61	.62	.86	.01	12.87	16.87
1899-1900		Tr		3.92	3.79	2.65	10.36	4.11	.64	1.91	1.06	.32	.05	8.11	18.47
1900-01	Tr	Tr	.46	1.48	3.91	1.37	7.22	5.79	5.03	.80	1.64	.69	Tr	13.95	21.17
1901-02	Tr	Tr	.78	.64	3.48	.90	5.80	1.23	7.27	2.65	.98	1.05	Tr	13.18	18.96
1902-03	Tr	Tr	Tr	1.70	1.98	2.32	6.00	3.73	1.76	6.23	.56	Tr	Tr	12.28	18.26
1903-04		Tr	Tr	.17	4.25	1.63	6.05	1.05	5.89	6.01	1.29	.30	Tr	14.54	20.59
1904-05	.02	.06	5.07	2.37	1.07	1.59	10.18	4.04	2.70	3.15	1.33	2.05	.00	13.27	23.45
1905-06		Tr	Tr	Tr	.92	2.05	2.97	3.90	4.30	5.02	.92	2.75	.56	17.45	20.42
1906-07	.06	.11	.18	.03	1.59	6.90	8.89	4.41	3.02	8.42	.11	.04	1.28	17.28	26.17

Tr indicates a trace of precipitation.

MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.

Compiled by the United States Weather Bureau.

STATIONS.	1906						1907						Seasonal
	July	Aug	Sept.	Oct.	Nov	Dec	Jan	Feb.	March	April	May	June	
Alturas	.01	.06	.01	.27	.97	8.52	1.35	2.87	4.13	.80	1.21	1.08	17.05
Angiola						1.95	3.03		.85	.50			
Antioch			.19		.72	3.97	3.23	1.80	6.43	.25		.40	17.05
Aptos			.50		2.04	11.28	10.28	3.87	12.58	.42	.11	.98	42.04
Auburn			.25	Tr	2.22	15.39	8.35	9.70	16.68	2.03	.34	1.79	56.73
Asusa	.01	.03	Tr		.98	6.81	11.36	2.97	5.39	.38	.09	.22	28.24
Bagdad		Tr			.40	.90	.90	.80	.70				3.40
Bakersfield					.75	1.00	1.23	.76	.61	.50			4.85
Barstow					2.00	Tr	Tr						
Berkeley		.04	.17	Tr	1.64	7.24	5.02	5.36	10.76	.36	.04	1.24	31.87
Biggs			.33		.97	7.98	4.55	1.85	6.57	.25	.20	.44	23.14
Bishop	.01	.55			.80	2.15	1.80	.15	1.41		.14	Tr	6.51
Blocksburg			.55	.63	6.29	12.86	16.53	14.35	21.83	3.97	2.74	1.64	81.41
Blue Canyon			.50	.58	5.05	10.40	13.18	17.05	35.11	2.50	4.52	4.59	100.47
Bodie	.76	1.35	.78	.27	1.67	2.80	1.35						
Branscomb			.88	.02	6.63	16.51	18.58	20.34	26.69	5.04	3.27	3.13	101.09
Brush Creek		Tr	.43	.13	6.07	16.92	16.21	11.49	33.02	3.93	1.05	3.53	97.78
Cabazon					2.02	4.74	3.71	1.51	4.66			Tr	16.64
Calxico	Tr	.45		.13	.19	1.31	.24	.21	.42		.31		3.20
Caliente						5.35	5.59	.96	2.08	.60	.03	1.00	16.11
Calistoga			.08		2.42	10.98	10.89	7.95	19.50	.45	.35	1.15	53.77
Campbell			.20		.61	6.42	4.78	1.50	6.87	.42	.19	.50	23.38
Cedarville	Tr	.42	.56	.08	1.51	1.94	1.09	3.70	3.31	.43	1.28	1.99	17.21
Chico		.08	.31	Tr	.88	8.66	6.23	2.06	3.03	1.37	.13	.84	28.61
Chino	Tr				1.44	8.13	9.17	2.63	4.41	.15	Tr	.39	
Cisco					2.00	14.80	14.70	6.25	24.20		.70	1.00	
Claremont	.03	.08	.04		1.12	6.89	8.40	2.42	6.37	.47	.06	.45	26.29
Cloverdale			.06		2.10	11.45	10.69	5.33	19.08	.90	.33	.62	50.56
Colfax			.20	Tr	3.88	17.51	9.45	9.75	19.46	2.48	.52	2.90	66.10
Colusa			.26		.83	3.92	5.63	.75	3.80	.64	.10	.33	16.26
Corning			.70		.67	5.53	3.60	2.60	5.05	.85		Tr	19.05
Craftonville			.22		2.78	4.62	5.50	1.30				1.31	
Crescent City			9.13	2.89	8.12	11.86	16.97	20.40	14.10	4.23	2.94	3.06	86.70
Cuyamaca	.10	.01	.90	.80	3.68	9.13	9.48	3.22	11.38	1.71	.64	.87	44.91
Daunt								3.65	3.32	5.20	2.12	.97	
Davisville			.14		1.22	7.59	4.81	2.28	6.00	.25	.25	.60	23.93
Delano						1.60	1.40	.72		1.12			
Delta			.04	Tr	3.83	17.14	12.86	9.21	24.45	2.25	1.48	.91	71.57
Dobbins			.48		2.85	14.91	10.64	8.98	19.43	2.71	1.30	3.08	64.28
Dunnigan			.38	Tr	.73	6.67	7.53	1.61	6.98	.60	1.28	.56	26.46
Dunsmuir					4.52	14.53	20.58	8.27	18.64	3.02	1.01	1.13	71.65
Durham			.28	Tr	1.31	8.84	6.45	2.00	3.39	1.38	.35	.63	20.52
El Cajon	Tr	.13	.30	Tr	1.52	4.14	4.85	.85	3.90	.44	.20	.25	15.24
Electra			.23		2.34	13.97	7.47	5.19	18.01	1.48	.78	1.56	60.97
Elmwood					.60	2.60	3.60	.60	3.20	Tr	Tr	.76	11.42
Elsinore		Tr	.17	.04	2.99	5.09	4.80	2.24	3.68	.07	.04	.05	19.17
Emigrant Gap		.40	1.00	.60	5.80	16.55	14.35	14.45	30.20	3.90	3.05	4.70	94.30
Escondido		.03	.19	.07	1.34	5.51	4.96	1.90	3.48	.43	.09	.19	17.89
Eureka	.01	.01	.78	.67	3.13	7.59	10.40	10.57	11.83	3.30	1.89	.58	60.54
Farmington			.14		1.08	3.88	4.70	2.65	5.47	.12	.12	1.20	24.37
Farallon Island			.15		.72	4.85	4.48	1.70	6.14	.24	.25	.96	19.29
Folsom		Tr	.99		1.56	12.66	5.25	6.65	11.06	.94	.63	.91	39.65
Fort Ross			.38	.14	2.83	13.02	15.04	11.56	20.67	1.36	1.19	1.36	67.55
Fresno	Tr		Tr		.73	3.16	3.85	.94	1.74	.69	Tr	.24	10.85
Fruto			.10		.75	6.13	6.43	1.25	4.67	.96	.07	.25	21.30

MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.

STATIONS.	1906						1907						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Galt			.36	Tr	1.10	9.10	4.50	3.29	7.59	.28		.97	27.19
Georgetown		Tr	.87	.21	3.52	19.82	8.96	13.50	29.07	9.45	1.29	3.07	82.76
Gilroy					2.29	10.26	3.46	1.73	10.24	.41	.12	.47	28.98
Gold Run			.43	.29	3.00	13.90	10.47	9.61	21.61	.38	.50	3.10	63.29
Gonzales					1.15	6.38	7.47	.94	6.35				22.29
Greenville	.38	.74	.44	.25	3.50	16.14	9.57	4.48	24.51	2.57	1.85	2.91	67.34
Guinda			.90		.95	6.25	9.30	1.80	8.84	.66			28.20
Hanford					.12	3.43	3.88	.65	2.39	.29			10.76
Healdsburg			.11		2.74	11.23	13.37	4.14	21.07	.83	.28	.73	54.50
Heber	.04	.40		.12	.15	1.23	.11	.19	.46		.14		2.84
Helen Mine			.12	Tr	6.45	28.26	27.21	11.66	36.73	3.80	1.94	1.77	117.94
Henniger Flats						11.40	13.96	2.65	7.21	1.77	.39	.45	
Hollister			.16	.01	1.07	7.12	5.75	2.24	6.60	.23	.13	.49	23.80
Hornbrook					1.58	4.30	2.99	4.48	3.91	1.42			18.68
Hot Springs								2.88	5.94	3.35	.42	.56	
Idyllwild	.73	2.77	.14	.03	2.15	5.25	7.30	2.71	6.78	.89	1.48	.43	30.66
Imperial	Tr	1.92	Tr		.50	1.46	.25	.40					
Independence	.31	.04		Tr	.02	.84	.95	.56	1.10	.14	.01	.55	4.52
Indio	Tr	1.07	.04	Tr	.60	1.89	.59	.63	.96		.05		5.83
Ione			.20		1.81	11.30	4.87	3.95	10.39	.30		1.00	33.82
Iowa Hill		.03	.39	.20	3.62	17.36	11.52	10.13	24.36	2.30	1.88	4.20	75.99
Jamestown			.20	Tr	1.52	12.72	7.82	5.59	17.27	2.00	.50	.87	48.49
Keeler					.30	.10	1.55	.33	1.12			1.00	
King City					1.13	4.05	8.43	.81	6.12				20.54
La Porte	.24	Tr	.43	.60	7.71	21.79	17.25	16.40	42.62	5.43	2.32	4.28	119.07
Le Grand			Tr	Tr	.25	4.06	4.40	.77	5.56	.62	Tr	Tr	15.66
Lemon Cove	.07		Tr		.70	6.14	5.04	2.66	4.22	1.81	.01	Tr	20.65
Lick Observatory		Tr	.28	.05	1.92	10.31	9.74	4.76	13.80	1.14	.42	.92	43.34
Livermore	Tr		.20	.03	1.34	6.45	3.22	1.86	8.85	.47	.16	.56	23.14
Lodi		Tr	.14	Tr	1.09	9.47	3.94	2.82	6.76	.15		1.61	25.98
Lone Pine	Tr	.01			.20	.62	2.21	.31	1.42	.28	Tr	.04	5.09
Los Angeles	.02	.03	.05		.85	5.12	7.02	1.83	4.12	.16	.07	.03	19.30
Los Banos					1.21	3.43	3.17	1.17	4.39		.47	.57	14.41
Los Gatos			.25	Tr	1.76	11.39	8.36	2.11	18.13	.42	.13	.87	43.42
Magalia		.04	.62	.08	6.85	24.84	23.57	10.71	37.75	3.09	1.39	3.48	112.42
Mammoth Tank		.40				.30			.40		.10		1.20
Marysville			.21		1.23	9.63	4.52	4.30	10.59	1.00		.77	32.25
Mecca	.10	2.60			.50	1.72	.33	.34	1.25				6.84
Mendota			Tr		.51	3.02	2.83	1.31	1.79	.28		Tr	9.74
Menlo Park			.21		.90	4.79		2.69	8.75	.23	Tr	.31	
Merced					.20	3.90	4.22	3.16	3.68	1.05	Tr	.17	16.38
Mill Creek							10.20	8.00	24.45	2.44	1.71	2.95	
Milton		Tr	.12	Tr	1.04	9.18	4.76	2.53	9.27	.55	.26	1.17	28.88
Modesto					1.02	4.89	4.11	3.00	4.70	.10	.18	1.04	19.04
Mojave					.65	2.25	3.07	.50	2.62				9.09
Mokelumne Hill		Tr	.34	Tr	2.35	13.60	7.61	6.29	15.66	1.45	.55	1.45	49.30
Mono Ranch		Tr			.27	12.49	20.48	1.85	17.93	.21	.12	.01	53.36
Montague	1.27		.43	Tr	1.04	2.74	1.22	2.88	4.25	.73	.33	.71	15.60
Monterey					1.59	7.80	7.01	2.24	10.64		.22	.30	29.80
Monterio	.16				.99	2.75	6.50	3.44	4.55	2.05	1.34	.35	22.13
Monumental		Tr	3.82	3.97	13.27	16.79	23.55	21.08	17.70	11.34	7.25	4.49	123.26
Mt. Hebron									6.80	.30	3.26	2.08	
Mt. Tamalpais			.06		1.90	5.28	6.28	4.77	9.05	.98	.35	1.44	30.13
Napa City			.13	Tr	2.01	7.98	7.84	5.81	9.93	.36	.27	.79	34.12
Napa S. H.			.14		1.74	6.07	6.50	4.44	8.37	.42	.26	.85	28.79
Needles	.59	5.66			.50	.80	.21						

**MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.**

STATIONS.	1906						1907						Seasonal
	July	Aug	Sept	Oct.	Nov.	Dec	Jan.	Feb.	March	April	May	June	
Nevada City	Tr	Tr	.48	.10	3.50	17.74	10.21	8.22	24.02	2.14	.97	3.05	70.98
Newcastle			.41		2.08	14.83	7.09	6.78	14.10	1.35	.33	1.34	48.05
Newhall					.24	10.85	10.80	1.83	9.03			.30	33.06
Newman			.04	Tr	.85	5.91	3.35	1.49	8.82	.03	Tr	.40	15.92
Niles		Tr	.31	.10	1.97	0.80	4.74	3.57	10.09	.77			
Nimshew			.02	.07	4.83	23.26	17.64	13.12	27.69	2.94	1.53	2.80	94.50
North Bloomfield		Tr	.24	.14	3.72	18.08	10.25	0.23	28.64	2.93	1.07	5.54	77.84
Oakdale			.05	Tr	.76	8.47	3.72	2.30	6.37	.19	.10	.60	22.68
Oakland			.21		1.22	5.68	4.26	4.04	9.06	.18		1.30	25.07
Ojai Valley		Tr	Tr		.12	8.40	17.50	2.03	8.75	.36	.05	.12	37.44
Orland			Tr			3.01	2.82	1.63	8.97	.84	.13	.53	
Orleans			1.28	1.20	4.84	10.55	9.91	12.35	13.01	5.33	2.29	1.29	61.76
Oroville		Tr	.25	Tr	1.44	10.70	6.71	3.59	10.90	1.69	.34	1.41	37.08
Palermo			.24	Tr	1.48	8.83	5.86	3.54	8.80	1.82	.28	1.42	31.67
Palm Springs		.10	.05		.70	.56	1.27	.47	1.27	.15			4.67
Paso Robles					1.23	5.28	7.51	1.24	6.54	.20			22.00
Peachland			.07	Tr	2.67	8.88	10.81	4.72	17.33	.73	.34	1.10	46.65
Pine Crest	Tr	.20			.44	11.19	15.11	3.27	8.16	.48	.02	.51	39.88
Placerville			.36		2.09	15.08	8.13	6.15	20.64	1.66	.65	2.35	59.85
Point Lobos		Tr	.02	Tr	.87	5.77	3.19	1.78	7.64	.13	.01	1.10	20.49
Point Reyes			.05		.81	6.40	5.50	2.20	6.43	.20	.11	1.09	22.79
Porterville					.30	3.80	3.87	1.37	2.66	1.10	.09	.16	13.44
Poway	Tr	Tr	.36	.03	1.16	6.34	4.67	1.13	2.45	.30	.09	.30	16.73
Quincy	.19	.43	.47	.17	8.34	13.89	11.89	4.96	30.15	2.72	1.53	3.55	73.23
Red Bluff	Tr		.61	Tr	1.19	6.13	6.10	3.28	5.92	.61	.75	1.18	27.97
Redding	Tr	Tr	1.01	Tr	2.61	10.66	8.57	9.09	7.28	2.61	4.38	1.49	47.60
Redlands		.04	.19		2.72	5.21	5.90	3.03	4.30	.47	.38	.61	21.85
Reedley		Tr	Tr		.60	4.24	4.74	1.41	3.89	.40			15.28
Rialto		.02	.25		2.60	12.74	13.62	3.85	10.70	.98	.29	1.16	40.19
Riverside	Tr	Tr	.02		2.23	4.43	4.02	1.75	3.40	.14	.07	.16	16.31
Rocklin			Tr		1.40	10.86	5.51	5.71	12.46	1.10	.42	1.17	38.63
Rohnerville						8.98	6.75	7.27	11.40	3.05			
Sacramento		Tr	.20	Tr	.99	7.37	4.63	2.37	7.28	.26	.10	.85	24.04
Salinas			.14		1.00	7.92	6.60	1.01	6.87	.00	.28	.06	23.99
Salton					.25	3.75	1.00						
San Bernardino	Tr	Tr	.06	.01	3.42	7.12	6.33	2.14	4.58	.16	.11	.85	23.17
San Diego	Tr	.10	.12	.03	.62	4.02	3.27	.45	1.62	.13	.07	.19	10.69
San Francisco	.08	.11	.18	.03	1.59	6.90	4.41	3.02	8.42	.11	.04	1.28	26.17
San Jacinto	.52	Tr	.12		2.43	4.79	5.11	2.03	2.98	.04			18.02
San Jose			.13	.01	.98	6.39	4.61	1.88	7.75	.46	.06	.42	23.71
San Leandro			.12	.06	1.73	7.92	5.75	5.31					
San Luis Obispo	Tr	.03	.04	Tr	1.08	5.14	8.88	2.45	6.80	.34	.11	.02	24.89
San Mateo			.03		1.37	5.00	5.80	2.04	8.88	.20	.03	.57	24.02
San Miguel	Tr				.46	3.30	5.75	1.14	3.30	.26			14.61
Sanger	Tr				.70	4.32	5.19	1.36	3.52	.54	Tr	Tr	15.93
Santa Barbara	Tr	.04			.35	6.46	12.46	2.84	5.64	.27	Tr	.16	27.79
Santa Clara			.38	Tr	1.02	6.50	5.01	2.02	9.22	.44	.13	.47	25.19
Santa Cruz			.30		2.30	8.53	8.22	4.10	10.85	.10	.35	1.10	35.85
Santa Margarita	.06				2.39	7.67	15.17	1.78	12.10				39.17
Santa Maria	Tr	.01	.01		.63	4.35	7.78	1.02	3.95	.23		.04	18.02
Santa Monica					.02	6.29	7.71	1.51	5.87	.04		Tr	21.94
Santa Rosa			.16		1.88	6.79	7.57	5.17	11.21	.34	.32	1.00	34.44
Selma	Tr				.66	3.89	3.68	.94	2.30	.70			12.26
Shasta			.78		2.80	14.32	13.65	7.89	14.47	2.94	1.12	.41	59.36
Sierra Madre	.03		.03	Tr	1.31	11.06	12.98	8.76	6.33	1.50	.19	.65	37.74
Sisson	.45	.31	.39	.11	4.52	8.64	9.48	2.84	13.16	.49	.83	1.06	42.30

**MONTHLY AND SEASONAL PRECIPITATION AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.**

STATIONS.	1906						1907						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Soledad -----					.85	8.32	6.58	.58	8.75				15.08
Sonoma -----			.16		1.50	8.44	6.91	7.21	11.46	.35	.14	.81	36.98
Sonora -----						12.57	7.88	5.40	19.09	2.27	.41	.86	
Stirling City -----			.16		6.42	25.92	24.63	17.54	43.38	3.60	1.35	2.20	125.20
Stockton -----		Tr	.10	Tr	1.01	8.05	3.94	2.52	6.03	.10	Tr	.74	22.49
Storey -----					.96	3.61	2.70	.48	1.35	1.11		Tr	10.21
Sulsun -----		.04					8.89	3.59	7.57	.38		1.15	
Summerdale -----			.19	Tr	1.99	15.24	14.95	6.81	27.06	3.27	.75	1.44	71.70
Summit -----	Tr	1.00	.32	.12	2.04	10.10	13.50	4.38	27.36	2.66	3.06	2.22	66.76
Susanville -----	.64	.77	.28	.10	1.91	5.86	4.19	2.44	12.30	1.14	1.03	1.76	32.42
Tamarack -----	.48	1.69	1.10	.42	8.25	19.80	13.90	3.00	31.62	2.60	4.74	6.39	93.99
Tehachapi -----	.10				.65	2.69	3.33	1.15					
Tehama -----			.65		.80	6.60	4.75	2.96	5.38	.25		.60	21.99
Towle -----		Tr	.45	Tr	5.07	16.86	9.45	12.24	24.05	2.20	1.76	4.17	76.25
Tracy -----					.71	4.04	3.22	1.70	5.04	.15		.87	15.73
Truckee -----		.46	.34	.26	.98	5.10	8.85	2.30	20.50		.80	.58	40.17
Tulare -----					.45	3.29	4.06	1.07	2.43	.43	Tr	Tr	11.73
Ukiah -----			.09	.10	2.12	10.14	8.06	6.24	18.18	1.61	1.12	.98	48.64
Upland -----	.11		Tr		.75	9.10	9.71	3.19	7.32	.53	.12	.84	31.67
Upper Lake -----			.03	Tr	1.36	6.81	5.30	4.60	10.63	.88	.47	.65	30.73
Vacaville -----			.26		1.41	7.06	6.54	3.08	8.48	.48	.02	.88	28.21
Valley Springs -----			.15		1.86	11.03	5.51	4.31	11.12	.61	.40	.77	35.76
Visalia -----					.48	3.22	3.67	1.07	3.09	.32			11.85
Wasco -----					.52								
Watsonville -----					.82	12.55	8.68	2.65	12.30	.30	.01	.10	37.41
Westley -----					.92	5.28	5.18	1.39	3.55	.24		.31	16.87
Wheatland -----		Tr	.27	Tr	2.17	10.32	4.67	3.06	9.64	1.18	.17	1.11	32.59
Willits -----				.21				8.60	19.95	2.80	1.04	2.00	
Willows -----					.82	5.35	4.84	1.02	3.63	.76	.26	.70	
Woodland -----			.20		1.50	7.29	4.45	3.24	5.90	.40	.65	.80	24.53
Woodside -----			.20		2.16	6.72	8.15	2.43	16.03	.32	.38	.60	36.99
Yosemite -----		.98	.04	.01	1.55	11.02	11.96	3.72	20.98	1.50	1.26	3.13	56.15
Zenia -----			1.43	1.13	6.06	15.19	12.81	16.99	17.77	4.22			

**MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.**

Compiled by the United States Weather Bureau.

STATIONS.	1906						1907						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Alturas	70.7	67.2	67.6	49.1	36.9	33.6	25.5	42.8	35.6	48.6	52.6	53.8	47.9
Angiola	84.2	80.6			53.1	47.2	46.2	48.4	49.6	58.9	61.6	64.0	
Antioch	84.0	75.3	71.5	66.4	50.2	45.1	44.5	48.0	54.8	61.4	67.6	77.0	62.3
Aptos	64.5	62.8	62.9	58.9	55.0	51.2	51.0	53.6	51.2	59.4	60.4	61.7	57.7
Auburn	84.3	79.2	70.4	66.5	50.5	51.7	46.5	35.6	47.6	59.4	57.8	65.8	62.0
Axusa	75.0	72.4	70.6	67.4	56.0	52.8	48.2	59.4	52.8	58.1	60.5	63.4	61.6
Bagdad	99.2	92.6	84.9	75.4	61.8	53.2	50.7	61.6	60.4	73.0	77.2	85.4	72.9
Bakersfield	83.8	82.5	78.8	65.2	52.0	48.8	46.7	59.1	52.6	60.3	65.2	71.8	63.4
Barstow					55.5	45.6	48.0						
Berkeley	68.1	61.6	62.8	61.3	54.2	48.7	41.1	51.7	50.4	57.4	58.5	60.6	56.7
Biggs	83.2	77.1	71.8	64.3	51.2	50.5	45.4	53.2	52.0	61.8	67.6	71.8	62.7
Bishop	75.1	71.8	61.0	58.3	44.0	39.6	33.0	40.9	46.6	57.1	57.9	62.4	54.7
Blackburg	70.6	61.6	63.8	58.4	48.0	44.8	40.8	50.4	42.4	53.8	55.4	60.6	54.7
Blue Canyon	65.1	63.6	50.2	58.2	42.4	40.1	46.1	48.4	36.6	52.4	52.2	58.6	51.0
Bodie	59.1	56.4	46.8	43.4	26.9	22.4	23.5						
Branscomb	70.2	61.4	61.6	54.2	47.2	44.6	39.6	49.7	41.3	51.9	53.3	56.4	53.6
Brush Creek	75.0	71.8	63.2	50.5	44.8	36.4	35.3	48.4	42.8	54.6	57.4	61.8	54.0
Cabazon	90.6	88.2	75.4	76.2	57.9	52.8	50.2	68.8	62.2	60.2	68.9	77.6	70.6
Calverton	81.3	84.5	82.2	73.3	59.6	53.6	52.0	62.0	62.0	70.0	73.8	80.0	70.8
Caliente	91.2	86.0	75.4	67.4	52.6	51.1	49.6	68.2	44.0	63.1	67.6	73.5	65.8
Calistoga	62.4	53.7	54.4	51.7	54.2	47.3	44.7	53.7	52.6	58.3	57.5	61.2	55.2
Campbell	84.8	65.6	62.1	50.8	51.4	47.4	41.1	54.2	50.8	56.4	58.0	61.8	56.9
Cedarville	75.6	74.5	61.0	61.0	36.3	33.8	24.1	41.8	34.4	48.3	52.4	55.4	48.9
Chico	82.2	79.1	71.5	67.2	51.9	46.2	43.2	53.2	49.2	60.5	64.1	70.2	61.4
China	80.4	77.2		72.4	56.4	54.4	51.1	58.3	44.0	60.7	65.4	70.7	
Cisco	71.0	71.8	61.5	51.0	50.6	34.6	29.2	39.4	34.4	41.0	48.5	61.2	48.2
Claremont	76.8	74.4	73.5	70.6	57.3	54.0	48.8	53.4	53.1	59.1	62.3	67.5	63.1
Cloverdale	75.0	76.2	68.4	65.6	51.4	48.9	44.5	55.4	49.6	59.7	62.3	66.2	60.1
Coffax	76.8	74.0	65.8	60.4	47.1	41.4	37.3	40.9	48.2	53.8	64.5	63.0	57.2
Colusa	79.4		70.2	65.4	51.1	46.6	43.6	54.2	49.9	60.2	67.4	73.4	
Corning	87.9	80.1	72.4	63.0	58.0	49.6	40.8	52.6	49.1	61.4	66.2	74.9	63.0
Craftonville	85.3	87.0	82.6	82.4	66.3	47.4	56.8	57.8	61.7	64.2	66.7	68.4	69.5
Crescent City	57.3	54.5	56.2	52.4	39.4	42.8	44.2	61.3		51.6	52.9	55.0	
Cuyamaca	68.8	63.5	57.9	53.6	48.5	36.4	32.0	41.6	37.6	44.6	49.1	54.8	48.2
Daunt								48.0	42.2	51.1	54.8	60.8	
Davisville	82.0	76.8	74.7	67.0	56.0	58.3	49.8	58.4	50.4	60.5	72.9	73.7	65.4
Delano							44.4	49.7	48.8	63.4	79.3	85.9	
Delta	81.4	81.2	73.4	65.4	51.0	52.1	44.0	56.1	47.1	60.4	64.4	65.9	61.6
Dobbins	83.6	80.0	74.0	67.2	53.6	50.6	45.0	55.4			61.2	68.7	
Dunnigan	87.4	81.7	77.9	69.9	55.0	50.8	47.6	56.5	52.1	62.8	66.5	75.6	65.7
Dunsmuir	77.9	72.1	61.6	57.1	48.2	42.5	39.3	49.8	43.4	56.2	52.5	67.0	56.2
Durham	80.1	81.1	71.0	65.2	53.6	47.4	44.0	54.1	50.4	60.6	64.0	66.6	61.6
El Cajon	76.2	78.6	72.0	68.4	58.4	55.0	51.1	59.2	56.6	69.6	63.6	67.7	62.5
Electra	83.2	84.6	71.6	66.6	54.0	49.4	48.0	56.4	53.2	62.1	65.5	70.6	63.7
Elmwood	86.6	79.0	72.4	67.3	57.0	43.4	46.7	56.1	52.6	59.8	64.0	69.5	63.4
Elisnore	82.0	79.0	71.8	65.4	54.2	49.4	45.6	57.8	51.2	61.4	64.8	69.0	62.4
Emigrant Gap	72.8	70.3	64.0	57.6	40.7	35.1	26.4	40.2	39.6	44.8	48.3	54.2	48.7
Escondido	76.4	72.4	69.2	64.2	53.0	50.1	48.0	56.2	53.2	59.2	61.4	65.8	60.9
Eureka	56.0	54.4	56.1	54.4	50.6	41.4	49.4	51.1	46.8	51.4	53.0	54.4	52.0
Farmington	86.8	84.0	75.0	68.3	54.0	49.0	47.9	57.4	59.9	61.2	67.3	72.2	64.6
Farallon Island	63.2	54.1	55.9	54.5	52.1	51.1	49.0	62.6	50.7	52.7	63.4	53.4	52.7
Folsom	82.6	79.6	74.6	67.2	53.3	47.7	45.8	54.0	51.0	61.8	61.1	69.6	62.7
Fort Ross	57.6	51.8	56.6	53.8	51.4	51.2	47.0				55.2	57.3	
Fresno	86.0	82.1	74.0	66.2	51.4	47.4	46.6	54.0	52.8	62.2	66.0	72.0	63.4
Fruto	82.9	76.8	74.0	74.8	57.6	47.1	44.4	56.0	50.1	62.4	60.4	76.1	64.3

MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.

STATIONS.	1906						1907						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Galt -----	78.6	74.4	68.8	65.5	49.8	47.3	47.0	56.0	51.3	61.3	57.5	66.3	60.3
Georgetown -----	78.6	75.0	68.2	63.4	47.8	45.0	38.6	50.7	42.4	54.3	57.3	62.2	56.9
Gilroy -----	69.4	64.3	62.6	64.0	50.8	47.9	49.0	53.2	-----	63.2	69.0	73.8	-----
Gold Run -----	81.4	77.0	69.2	65.2	50.6	50.8	37.0	45.2	39.4	51.2	55.6	61.8	54.5
Gonzales -----	60.7	58.8	58.5	65.3	49.3	43.2	46.9	50.9	53.9	57.4	61.0	66.7	56.0
Greenville -----	69.3	67.4	60.0	52.5	41.1	38.0	31.4	43.9	37.8	49.6	53.2	57.1	49.9
Guinda -----	84.8	85.3	73.3	69.9	48.0	40.8	39.6	48.4	47.0	57.6	70.0	72.5	61.5
Hanford -----	83.9	76.2	71.4	59.8	59.4	52.8	47.6	51.5	52.8	59.5	61.6	68.5	62.1
Healdsburg -----	74.0	70.2	70.2	66.2	55.5	49.4	45.0	56.0	50.4	60.4	62.1	66.0	60.4
Heber -----	93.4	89.2	83.2	75.0	61.4	55.2	53.4	63.8	63.5	72.0	75.6	81.2	72.2
Helen Mine -----	80.6	78.4	68.0	66.4	50.6	44.8	38.9	51.1	43.4	59.5	61.2	-----	-----
Henniger Flats -----	-----	-----	66.9	65.8	52.2	49.8	44.9	55.4	47.6	52.5	54.6	60.8	-----
Hollister -----	69.1	65.8	64.8	62.0	51.7	48.1	46.9	54.5	51.2	57.5	57.9	61.9	57.6
Hornbrook -----	79.7	70.7	60.0	52.6	46.1	40.6	36.4	45.7	40.8	56.2	61.6	68.1	54.9
Hot Springs -----	-----	-----	-----	-----	-----	-----	-----	51.0	46.4	54.4	58.3	65.8	-----
Idyllwild -----	70.5	66.2	61.3	59.6	42.1	41.6	34.6	45.9	40.6	49.0	50.6	55.9	51.5
Imperial -----	91.4	90.2	83.2	73.8	60.7	53.4	52.0	62.6	-----	-----	-----	-----	-----
Independence -----	79.8	75.6	67.5	59.8	45.2	42.0	33.7	48.6	46.5	59.3	61.2	67.1	57.2
Indio -----	94.4	90.5	85.6	76.4	61.2	55.2	52.7	64.5	62.0	73.8	77.4	83.8	73.1
Ione -----	76.6	72.7	64.8	61.0	48.3	45.8	47.1	52.7	44.9	53.4	61.6	68.7	58.1
Iowa Hill -----	77.8	75.0	68.2	64.2	49.7	45.8	39.4	52.0	42.6	55.8	57.6	61.8	57.5
Jamestown -----	80.8	76.8	69.2	61.0	47.8	45.3	43.6	51.6	49.0	57.6	60.7	65.2	59.0
Keeler -----	-----	90.1	-----	68.4	48.9	47.4	40.4	51.8	53.7	68.4	70.6	79.0	-----
King City -----	72.2	69.4	68.0	63.6	53.8	48.6	46.8	55.9	54.5	61.7	60.0	62.0	59.7
La Porte -----	66.4	63.9	57.0	52.8	39.8	37.9	31.0	41.8	32.2	45.2	48.0	52.0	47.3
Le Grand -----	82.4	80.9	73.8	65.7	47.4	44.1	46.0	51.6	47.3	59.0	65.3	74.2	61.5
Lemon Cove -----	81.7	78.6	75.7	66.8	55.2	51.0	48.2	55.8	54.1	65.0	67.4	72.6	64.5
Lick Observatory -----	75.2	71.8	63.4	58.6	43.7	42.2	34.2	48.2	37.4	49.2	51.4	57.6	52.7
Livermore -----	75.2	71.8	68.4	64.7	53.5	48.1	46.6	55.0	50.6	59.6	60.4	64.8	59.9
Lodi -----	76.8	72.6	66.6	61.8	51.2	47.2	45.7	54.6	50.7	59.2	63.0	66.8	59.7
Lone Pine -----	77.0	73.6	65.0	58.2	44.6	41.3	32.8	48.7	47.8	58.2	61.1	66.0	56.2
Los Angeles -----	72.2	70.5	69.8	68.6	58.8	56.4	51.6	61.8	55.5	59.8	61.4	65.0	62.6
Los Banos -----	80.6	75.3	69.4	63.3	57.7	59.8	59.7	54.8	53.0	58.7	70.3	68.9	64.3
Los Gatos -----	70.6	68.0	65.8	61.7	51.6	47.8	45.4	54.9	50.8	58.3	59.4	63.0	58.1
Magalia -----	72.4	70.4	64.0	58.0	42.4	39.4	-----	47.3	41.9	51.6	55.8	60.4	-----
Mammoth Tank -----	92.0	92.6	84.4	82.2	68.8	66.2	58.5	62.5	61.4	72.2	75.4	81.7	74.8
Marysville -----	80.8	77.6	71.6	64.8	54.4	49.4	47.1	56.8	53.8	66.1	70.6	79.4	64.4
Mecca -----	92.8	88.2	83.4	73.6	59.0	53.4	50.9	62.0	60.6	69.6	74.7	79.8	70.7
Mendota -----	90.1	82.8	74.9	67.5	52.7	50.1	54.7	54.7	55.5	65.6	72.1	77.9	66.6
Menlo Park -----	69.2	67.3	66.6	63.0	55.0	48.8	49.6	55.6	51.9	61.0	61.7	66.2	59.7
Merced -----	84.2	80.5	73.2	65.7	52.0	46.2	43.4	54.2	51.7	61.2	65.0	70.3	62.3
Mill Creek -----	-----	-----	-----	-----	-----	-----	41.5	51.7	41.5	54.8	-----	58.6	-----
Milton -----	82.8	78.8	73.0	66.8	52.7	47.6	46.6	54.1	51.2	58.8	63.4	68.8	62.0
Modesto -----	94.1	88.5	79.8	73.1	62.8	59.4	59.5	59.4	57.3	68.8	71.8	85.2	71.6
Mojave -----	91.2	86.8	76.6	67.0	49.6	47.4	43.6	57.0	51.3	64.1	68.4	75.2	64.8
Mokelumne Hill -----	81.3	77.6	70.8	66.2	51.3	45.8	43.0	53.6	48.0	57.3	60.4	65.6	60.1
Mono Ranch -----	72.8	68.1	63.6	59.6	46.0	44.2	37.4	49.6	43.0	53.4	55.2	59.8	54.4
Montague -----	77.4	74.0	63.6	54.0	41.8	38.0	33.5	45.6	40.4	52.2	55.2	62.3	53.2
Monterey -----	65.7	63.4	58.2	60.0	61.5	51.2	47.8	52.8	51.4	57.3	55.1	59.6	57.0
Monterio -----	79.8	76.2	70.7	65.6	50.4	45.7	40.3	52.5	48.4	54.5	61.4	60.0	58.8
Monumental -----	72.6	69.6	59.2	52.7	42.4	38.4	33.6	45.4	38.0	49.2	53.3	57.2	50.1
Mt. Hebron -----	-----	-----	-----	-----	-----	-----	26.2	41.1	34.4	46.6	49.1	53.1	-----
Mt. Tamalpais -----	75.7	71.4	66.4	63.2	49.0	44.6	39.4	50.8	42.3	53.4	54.2	59.3	55.8
Napa City -----	70.0	66.0	66.4	60.9	52.6	48.8	45.6	54.9	50.7	58.0	57.9	62.0	57.8
Napa S. H. -----	70.9	68.0	68.8	65.6	54.9	49.0	45.0	54.2	50.6	58.6	59.6	62.8	59.0
Needles -----	96.2	89.2	78.4	68.4	55.0	51.8	50.7	-----	57.3	65.6	73.6	80.6	-----

MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.

STATIONS.	1906						1907						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Nevada City -----	73.0	70.4	63.8	58.8	46.0	43.4	37.4	49.4	41.6	53.3	55.4	59.8	54.4
Newcastle -----	82.6	77.9	72.0	66.7	51.9	46.2	44.5	54.0	50.0	59.6	64.4	69.6	61.6
Newhall -----	79.8	75.4	70.3	67.4	52.0	48.3	49.4	54.1	50.8	58.1	61.4	67.4	61.2
Newman -----	85.5	81.7	74.1	65.6	52.0	46.7	45.9	53.5	51.8	63.3	66.9	72.2	63.2
Niles -----	69.0	67.1	65.4	61.6	53.3	49.0	46.6	55.4	51.4	58.8			
Nimshew -----	86.6	82.6	70.7	63.0	49.1	43.6	38.0	50.5	42.4	54.2	57.6	63.2	58.5
North Bloomfield -----	74.4	72.2	65.0	59.5	45.0	42.4	36.0	48.7	39.8	53.0	55.8	58.8	54.2
Oakdale -----	84.0	77.8	70.6	62.1	50.0	45.3	44.6	52.2	49.1	59.7	62.5	69.8	60.6
Oakland -----	68.8	62.5	63.2	60.8	54.4	49.2	48.2	55.2	51.6	59.1	59.9	62.2	57.5
Ojai Valley -----	73.8	71.2	70.0	68.4	56.8	54.4	49.5	59.2	52.7	57.9	59.4	64.0	60.6
Orland -----									48.8	60.2	66.6	73.8	
Orleans -----	84.5	80.7	71.1	62.6	53.2	47.9	45.4	55.9	51.7	62.0	65.8	70.2	62.6
Oroville -----	84.6	79.1	73.6	67.2	52.7	48.3	45.0	54.0	51.0	61.8	65.6	70.6	62.8
Palermo -----	81.2	77.8	71.2	64.7	52.8	47.4	44.2	53.8	50.8	61.0	64.4	69.3	61.6
Palm Springs -----	95.2	90.7	85.3	78.8	62.0	54.2	52.0	62.0	62.3	71.0	69.1	85.6	72.4
Paso Robles -----	75.9	66.7	58.7	54.6	43.8	43.8	42.8	50.2	50.0	58.0	57.8	60.4	55.2
Peachland -----	65.7	62.9	64.8	61.6	53.2	47.4	44.4	53.8	48.8	57.2	57.5	61.1	56.5
Pine Crest -----	68.6	65.4	68.3	70.8	61.0	54.9	49.6	61.7	53.5	57.4	61.1	64.4	61.4
Placerville -----	75.0	70.4	63.6	56.8	46.3	43.4	41.2	50.9	47.0	55.2	56.8	62.2	55.7
Point Lobos -----	59.0	60.3	61.4	61.6	58.2	54.6	52.6	58.7	55.6	58.4	58.7	58.8	58.2
Point Reyes -----	53.2	53.8	55.6	56.4	52.8	50.4	47.5	53.0	49.2	52.2	52.6	53.2	52.5
Porterville -----	84.5	81.2	74.0	66.5	52.8	48.1	48.6	55.9	54.8	63.7	65.6	71.3	63.9
Poway -----	74.8	74.6	71.3	66.5	56.6	53.2	50.2	57.4	54.0	62.4	65.2	68.9	62.9
Quincy -----	67.6	65.4	57.0	47.6	36.8	33.2	28.9	39.6	35.8	47.8	52.5	56.1	47.4
Red Bluff -----	85.7	82.0	73.6	67.8	53.9	46.3	42.4	55.1	48.4	60.7	64.8	70.6	62.6
Redding -----	84.0	81.1	72.4	66.6	52.8	45.8	42.0	55.6	49.0	61.6	64.9	70.4	62.2
Redlands -----	79.5	77.7	72.8	69.6	54.8	51.8	48.2	57.6	52.7	59.6	61.8	67.8	62.8
Reedley -----	85.7	81.8	73.8	65.7	50.9	47.7	46.6	54.4	53.3	62.7	65.4	71.8	63.3
Rialto -----	79.6	77.2	75.4	76.2	56.8	54.0	48.6	62.1	53.6	59.8	62.1	67.4	64.4
Riverside -----	76.5	73.3	69.8	65.3	53.6	52.4	48.6	58.0	53.6	61.0	63.6	68.0	62.0
Rocklin -----	79.6	77.2	71.6	64.4	53.0	48.6	46.4	53.8	51.2	60.7	63.4	68.5	61.5
Rohnerville -----							45.2	52.4	47.1	50.4			
Sacramento -----	76.6	72.9	69.8	65.4	53.2	46.7	45.3	54.0	50.9	60.3	63.0	66.4	60.4
Salinas -----	65.8	63.0	62.4	59.8	52.8	50.6	48.4	56.8	53.4	60.1	61.4	61.6	58.0
Salton -----	92.3	84.1	85.9	77.6	64.3	61.4	57.9		64.9	74.5	75.2	81.2	
San Bernardino -----	80.0	76.4	72.0	68.0	54.4	53.0	49.0	58.4	53.8	61.4	63.0	68.3	63.1
San Diego -----	68.7	68.6	68.2	65.4	58.2	56.4	52.8	60.1	56.6	59.4	60.7	62.9	61.5
San Francisco -----	57.6	57.9	60.0	61.6	55.4	49.6	47.1	59.9	51.0	56.8	56.4	57.1	55.9
San Jacinto -----	82.0	77.1	73.6	69.7	55.3	52.6	49.2	58.6	54.8	60.6	63.5	69.6	63.9
San Jose -----	68.6	67.0	64.4	60.7	52.4	48.4	46.6	55.0	50.8	57.7	59.0	62.0	57.7
San Leandro -----	65.8	64.1	63.8	60.0	55.2	50.8	49.4	57.2					
San Luis Obispo -----	64.6	64.6	64.6	64.6	56.6	53.8	49.0	57.8	52.6	57.2	56.3	60.4	58.5
San Mateo -----	70.9	67.9	67.0	63.6	57.1	54.2	53.4	58.2	55.2	66.7	68.1	72.0	62.9
San Miguel -----	83.5	78.8	72.4	66.7	51.8	47.7	45.7	53.5	51.9	62.8	65.6	72.2	62.7
Sanger -----	88.7	86.6	79.1	69.3	55.2	51.3	49.6	55.9	54.9	65.0	69.7	77.1	66.9
Santa Barbara -----	67.9	66.4	67.3	65.6	56.4	55.1	51.0	59.0	54.0	58.2	60.2	62.8	60.3
Santa Clara -----	69.0	67.4	65.1	61.0	53.0	46.8	47.5	55.3	50.7	58.0	59.4	62.8	58.0
Santa Cruz -----	64.9	62.6	63.6	62.0	53.4	51.5	49.0	55.9	52.2	57.6	58.4	60.6	57.6
Santa Margarita -----	69.7	68.3	60.7	57.6	52.1	47.0	49.9	55.2	54.8	59.4	63.6	70.4	59.1
Santa Maria -----	64.7	63.6	63.8	62.0	56.5	52.7	49.2	57.1	55.2	58.9	59.7	62.6	58.8
Santa Monica -----	65.1	64.2	63.2	61.4	55.1	54.2	49.7	58.4	53.2	55.8	56.6	59.9	58.1
Santa Rosa -----	67.2	66.6	65.6	62.4	53.2	47.3	45.0	53.8	49.0	56.4	57.5	61.7	57.1
Selma -----	89.5	82.2	72.2	62.2	50.4	46.6	45.3	54.2	51.2	61.0	65.4	72.6	62.7
Shasta -----	87.8	84.0	74.7	70.2	53.3	45.7	42.0	56.2	48.6	64.0	65.2	74.0	63.8
Sierra Madre -----	76.0	73.2	71.6	70.7	58.5	53.7	49.0	59.0	52.4	59.0	61.6	66.0	62.6
Slisson -----	76.2	71.3	60.2	51.4	39.0	37.2	31.0	44.4	37.6	49.8	55.0	60.6	51.1

MONTHLY AND ANNUAL TEMPERATURES AT STATIONS IN CALIFORNIA
DURING SEASON OF 1906-07.—Continued.

STATIONS.	1906						1907						Seasonal
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Soledad -----	74.7	69.1	67.6	65.6	57.6	54.3	48.8	58.2	55.2	61.6	57.4	62.1	61.0
Sonoma -----	67.8	65.6	65.2	63.0	55.6	48.0	45.8	55.3	50.9	58.6	57.3	61.7	57.9
Sonora -----						45.6	42.4	52.6	47.4	57.5	62.6	67.4	---
Stirling City -----	73.5	70.3	62.7	57.4	43.8	41.6	33.2	46.7	37.0	51.6	54.9	59.8	52.7
Stockton -----	77.9	73.6	68.4	63.0	51.6	46.0	45.0	53.8	51.2	60.3	63.2	66.6	60.0
Storey -----	80.0	78.0	69.8	62.4	48.8	45.3	44.0	51.2	49.8	58.2	62.0	67.8	59.8
Sulsun -----	68.7	69.5					47.2	56.2	52.0	60.8	63.4	67.0	---
Summerdale -----	70.7	67.6	61.2	57.0	41.8	39.0	31.7	44.0	35.2	46.8	49.5	55.3	50.0
Summit -----	77.8	74.0	62.4	54.5	31.8	30.6	25.3	35.1	28.8	36.6	39.0	44.0	45.0
Susanville -----	71.6	68.1	58.0	49.4	37.4	33.2	27.6	41.7	35.4	51.0	54.6	59.0	48.9
Tamarack -----	56.2	59.0	52.2	44.9	30.0	32.0	13.2	34.8	27.4	37.0	35.8	38.0	38.4
Tehachapi -----	74.5	75.0	71.0	60.0	43.4	40.0	34.7	49.0					---
Tehama -----	89.1	83.0	75.6	65.0	54.1	47.9	42.6	55.2	50.8	59.0	65.3	72.6	63.4
Tejon Rancho -----	84.3	81.0	73.0										---
Towle -----	73.4	70.8	63.1	58.1	46.6	44.2	37.1	47.3	37.7	50.5	53.2	57.7	53.3
Tracy -----	78.9	74.6	67.6	61.0	51.8	45.2	42.0	48.8	48.0	55.5	59.0	66.8	58.3
Truckee -----	65.8	62.8	59.4	50.8	39.4	32.4	27.2	39.0	34.2	43.6	46.2	54.4	46.3
Tulare -----	83.0	78.2	69.2	62.0	50.6	47.2	46.1	54.1	52.7	61.5	64.2	68.8	61.5
Ukiah -----	76.0	73.2	66.6	60.2	50.2	47.2	42.0	52.8	47.4	58.2	59.8	64.5	56.2
Upland -----	76.1	72.4	70.2	67.8	53.8	50.2	43.8	58.8	53.6	59.4	62.0	67.2	61.3
Upper Lake -----	79.4	76.8	69.0	63.6	51.1	45.8	41.3	52.4	47.6	58.8	61.0	65.6	59.4
Vacaville -----	77.4	73.8	69.4	65.7	54.5	47.6	45.8	54.2	49.7	59.1	62.6	66.2	60.5
Valley Springs -----	83.2	76.9	72.0	66.4	55.8	49.7	46.4	55.1	54.2	62.9	67.8	73.0	63.8
Visalia -----	83.4	79.4	73.4	68.1	57.0	50.8	48.1	50.4	50.3	61.1	61.3	65.2	62.4
Wasco -----	85.6	80.8	72.9	64.0	50.8			53.1	56.6	61.2	65.0		---
Watsonville -----	67.8	64.3	65.2	62.5	55.0	52.8	51.2	58.0	56.0	63.7	64.3	66.0	60.6
Westley -----	91.4	81.4	73.4	67.5	54.2	50.0	47.6	56.4	55.2	66.2	70.5	73.2	65.6
Wheatland -----	80.2	76.6	69.6	63.0	51.2	46.0	44.1	53.4	50.6	60.3	64.6	68.9	60.7
Willits -----	71.6	70.0	63.0	58.0				53.7	45.0				---
Willows -----					53.1	46.5	43.4	54.3	49.1	59.2	64.3	70.8	---
Woodland -----	83.0	80.4	74.9	68.6	56.3	50.1	49.1	53.4	50.5	62.7	67.6	74.8	64.3
Woodside -----		65.8	64.7	59.5	52.5	47.5	44.8	53.9	50.6	56.9	57.9	61.6	---
Yosemite -----		70.2	63.2	54.6	40.0	34.4	29.8	42.1	38.4	52.5	55.2	58.8	---
Zenia -----	68.3	67.2	61.4	57.9	45.4	43.2	38.2	49.0	39.6	49.8			---

NORMAL CLIMATOLOGICAL DATA FOR SAN FRANCISCO, CALIFORNIA, FOR THIRTY-SEVEN YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month..	50°	52°	54°	55°	57°	59°	59°	59°	61°	60°	58°	52°
Highest mean... Year.....	55° 1873	57° 1886	58° 1885	59° 1880	60° 1890	62° 1888	62° 1889	63° 1894	65° 1889	64° 1887	59° 1894	54° 1885
Lowest mean... Year.....	46° 1890	48° 1887	49° 1897	52° 1896	53° 1896	56° 1894	56° 1901	56° 1891	56° 1899	57° 1891	53° 1897	49° 1896
Highest... Date and Year....	78° 26th 1889	80° 18th 1899	80° 7th 1892	88° 14th 1888	97° 28th 1887	100° 29th 1891	98° 7th 1905	92° 22d 1891	101° 8th 1904	94° 8th 1899	83° 16th 1896	72° 8th 1898
Lowest... Date and Year..	29° 15th 1888	33° 5th 1887	33° 3d 1896	40° 7th 1891	42° 16th 1906	47° 19th 1893	47° 31st 1889	47° 8th 1893	48° 30th 1906	45° 14th 1891	38° 27th 1896	34° 24th 1879
<i>Precipitation</i>												
Mean for Month..	4.53	3.50	3.06	1.86	0.76	0.21	0.00	0.01	0.31	0.31	2.72	4.44
Greatest fall... Year.....	24.36 1862	12.52 1878	8.75 1879	10.06 1880	3.52 1883	2.57 1884	0.00 1886	0.21 1864	5.07 1904	7.28 1889	11.78 1885	15.16 1866
Lowest fall..... Year.....	0.54 1852	0.00 1864	0.25 1896	0.00 1857	0.00 *	0.00 *	0.00 *	0.00 *	0.00 *	0.00 *	0.00 1890	0.00 1876
Greatest rainfall in 24 hours, date and year	4.67 29th 1881	3.60 4th & 5th 1897	3.61 4th & 5th 1879	2.43 23d & 24th 1896	1.29 4th & 5th 1889	1.23 11th & 12th 1884	0.23 16th 1886	0.06 29th & 30th 1896	3.09 23d 1904	2.03 17th & 18th 1889	3.96 23d 1874	3.14 18th- 19th 1871
Average No. days with .01 of an in. or more.	11	10	11	7	4	2	1	0	2	1	7	11
<i>Clouds & Weather</i>												
Average No. Clear days	11	10	11	12	13	14	12	10	14	16	15	12
Average No. partly cloudy days	10	10	11	12	12	11	14	15	11	11	9	10
Average No. Cloudy days	10	8	9	6	6	5	6	6	4	1	6	9
<i>Wind</i>												
Prevailing direct'n	N	SW	W	W	W	W	SW	SW	W	W	W	SE
Highest velocity. Direction Date. Year.	57 SE 3d 1901	49 S 25th 1902	60 S 1st 1902	47 NW 23d 1871	45 W 11th 1897	48 SW 30th 1873	41 W 15th 1898	42 SW 2d 1893	40 W 27th 1890	44 NE 20th 1906	64 NE 30th 1906	60 SE 23d 1892

* Many years.

FROSTS

Average date of first "Killing" in autumn, December 10th.

Average date of last "Killing" in spring, January 25th.

NORMAL CLIMATOLOGICAL DATA FOR FRESNO, CALIFORNIA,
FOR SIXTEEN YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month....	45°	51°	54°	61°	67°	75°	82°	81°	74°	63°	55°	46°
Highest mean.....	51°	55°	59°	67°	72°	80°	86°	86°	83°	69°	59°	49°
Year.....	1896	1906	1900	1888	1897	1889	1906	1888	1888	1888	1894	1896
Lowest mean.....	42°	47°	49°	55°	63°	69°	79°	75°	68°	60°	51°	44°
Year.....	1898	1890	1897	1896	1899	1894	1895	1899	1893	1899	1906	1895
Highest.....	70°	80°	86°	101°	104°	112°	115°	113°	111°	98°	82°	72°
Date and Year....	31st 1904	20th 1896	6th 1899	25th 1898	21st 1892	30th 1891	8th 1905	11th 1898	24th 1888	4th 1889	7th 1894	5th 1895
Lowest.....	20°	24°	28°	34°	38°	45°	51°	50°	44°	36°	27°	23°
Date and Year....	1st 1888	6th 1899	1st 1888	5th 1895	1st 1899	2d 1899	8th 1891	31st 1887	22d 1895	17th 1892	25th 1898	21st 1897
<i>Precipitation</i>												
Mean for Month....	1.54	1.34	1.75	1.11	0.50	0.18	T	0.01	0.26	0.67	1.15	1.79
Greatest fall.....	4.14	4.35	4.22	3.42	1.69	1.16	0.07	0.15	1.78	3.21	9.54	4.09
Year.....	1895	1884	1893	1884	1884	1893	1896	1896	1904	1904	1885	1894
Lowest fall	0.34	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.33
Year.....	1889	1885	1887	1898	1897	*	*	*	*	1890	1884	1900
Greatest rainfall	1.46	1.48	1.22	1.68	1.02	0.74	0.06	0.15	1.12	2.38	1.33	2.10
in 24 hours, date	4th & 5th	9th	20th	24th	7th	5th	25th	30th	29th	6th	16th	29th- 30th
and year.....	1895	1893	1893	1896	1905	1894	1896	1896	1890	1904	1888	1891
Average No. days	8	6	8	3	3	1	0	0	1	3	4	9
with .01 of an in. or more.....												
<i>Clouds & Weather</i>												
Average No.	9	15	13	19	21	26	29	25	25	20	17	9
Clear days.....												
Average No.....	8	7	10	8	7	3	2	6	3	7	7	9
partly cloudy												
days.....												
Average No.	14	6	8	3	3	1	0	0	2	4	6	13
Cloudy days...												
<i>Wind</i>												
Prevailing direct'n	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW
Highest velocity.	32	30	38	30	34	30	24	24	26	25	30	25
Direction.....	NW	NW	SE	NW	NW	NW	E	N	W	W	W	NW
Date	16th	10th	2d	15th	30th	17th	4th	4th	20th	16th	30th	29th
Year.....	1895	1894	1896	1894	1894	1891	1896	1891	1895	1892	1892	1887

* Many years.

FROSTS

Average date of first "Killing" in autumn, December 1st.
Average date of last "Killing" in spring, March 19th.

NORMAL CLIMATOLOGICAL DATA FOR SACRAMENTO, CALIFORNIA, FOR FIFTY-SIX YEARS.

Compiled by the United States Weather Bureau.

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
<i>Temperature</i>												
Mean for Month..	46°	50°	55°	59°	64°	70°	74°	73°	70°	63°	54°	47°
Highest mean ..	53°	55°	60°	63°	70°	77°	81°	77°	76°	78°	58°	51°
Year... ..	1873	1877	1885	1857	1865	1853	1854	1888	1853	1853	1894	1861
Lowest mean..	42°	46°	49°	53°	58°	65°	69°	66°	65°	58°	49°	43°
Year... ..	1843	1880	1880	1896	1860	1894	1859	1873	1854	1881	1880	1890
Highest.....	72°	80°	80°	89°	98°	106°	110°	110°	108°	98°	78°	69°
Date and Year..	30th 1899	18th 1899	30th 1882	29th 1888	26th 1883	30th 1901	8th 1905	11th 1898	11th 1888	3d 1885	1st 1890	8, 9th 1893
Lowest.....	19°	21°	29°	36°	39°	44°	48°	48°	44°	36°	27°	24°
Date and Year..	14, 15 1888	13th 1884	15th 1880	17th 1892	12th 1890	1st 1890	17th 1887	30th 1887	18th 1892	14th 1881	28th 1880	29th 1875
<i>Precipitation</i>												
Mean for Month ..	3.89	2.80	1.00	1.74	0.80	0.12	0.08	0.01	0.18	0.76	2.09	4.37
Greatest fall..	15.04	8.50	10.00	14.20	3.25	1.45	0.63	0.20	3.02	11.34	13.40	13.40
Year... ..	1862	1864	1850	1880	1889	1884	1860	1896	1904	1889	1885	1852
Lowest fall ..	0.15	0.04	0.04	T	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Year... ..	1889	1899	1896	1875	*	*	*	*	*	*	1890	1876
Greatest rainfall in 24 hours, date and year..	2.66 29th 1881	2.48 4th & 5th 1887	2.94 8th & 9th 1884	7.24 21st 1880	1.94 5th 1889	0.82 11th & 12th 1884	0.04 4th 1895	0.20 30th 1896	2.15 23d 1904	1.86 21st & 22d 1889	4.29 17th & 18th 1885	2.96 2d 1880
Average No. days with 01 of an in. or more ..	9	8	9	6	4	1	0	0	2	3	5	10
<i>Clouds & Weather</i>												
Average No. Clear days..	12	12	14	15	20	24	29	29	25	22	19	11
Average No. partly Cloudy days ..	9	9	9	10	8	5	2	2	4	7	6	9
Average No. Cloudy days ..	10	7	8	5	3	1	0	0	1	2	5	11
<i>Wind</i>												
Prevailing direct'n	SE	SE	SE	S	SW	S	S	S	W	S	N	SE
Highest velocity	48	48	48	39	44	42	30	28	36	48	48	60
Direction ..	SE	NW	SE	NW	NW	NW	NW	SW	NW	S	S	SE
Date ..	4th	10th	29th	22d	9th	12th	1st	5th	23d	20th	30th	9th
Year ..	1895	1894	1892	1897	1895	1886	1892	1896	1889	1894	1892	1891

* Many years.

FROSTS

Average date of first "Killing" in autumn, November 15th.
Average date of last "Killing" in spring, February 16th.

NORMAL CLIMATOLOGICAL DATA FOR LOS ANGELES, CALIFORNIA, FOR TWENTY-SIX YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month....	54°	55°	57°	60°	63°	67°	71°	71°	70°	64°	60°	56°
Highest mean.....	58°	60°	62°	63°	66°	71°	74°	75°	74°	68°	66°	61°
Year.....	1896	1896	1885	1885	1885	1883	1891	1885	1888	1890	1890	1890
Lowest mean.....	49°	51°	52°	56°	60°	63°	65°	68°	60°	60°	56°	53°
Year.....	1890	1888	1880	1896	1894	1894	1880	1900	1880	1886	1880	1891
Highest.....	87°	88°	99°	99°	103°	105°	109°	106°	108°	105°	96°	88°
Date and Year.....	9th 1896	16th 1896	29th 1879	13th 1888	25th 1896	7th 1890	25th 1891	19th 1885	21st 1885	3d 1885	3d 1890	3d 1878
Lowest.....	30°	28°	31°	38°	40°	46°	49°	50°	44°	40°	34°	30°
Date and Year....	29th 1880	6th 1883	9th 1893	21st 1896	16th 1883	13th 1894	12th 1888	6th 1883	23d 1880	22d 1892	19th 1886	14th 1876
<i>Precipitation</i>												
Mean for Month....	2.90	3.09	2.85	1.17	0.47	0.08	0.02	0.04	0.05	0.80	1.26	3.53
Greatest fall.....	7.83	13.37	12.36	5.06	2.06	1.39	0.24	0.61	0.73	6.95	6.53	15.80
Year.....	1890	1884	1884	1880	1892	1884	1886	1889	1894	1889	1900	1889
Lowest fall.....	0.20	T	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	T
Year.....	1887	*	1885	1897	1886	*	*	*	*	1891	*	1900
Greatest rainfall	4.17	3.94	3.18	2.20	1.76	0.87	0.24	0.61	0.71	3.62	3.75	4.30
in 24 hours, date	25th- 26th	14th- 15th	3d & 4th	9th & 10th	2d & 3d	13th	14th	31st	30th	21st	28th & 29th	11th- 12th
and year.....	1890	1887	1884	1884	1892	1884	1886	1889	1894	1889	1892	1889
Average No. days	6	6	7	6	3	1	0	0	0	3	3	7
with .01 of an in. or more.....												
<i>Clouds & Weather</i>												
Average No.	17	14	12	11	11	10	12	14	17	18	19	17
Clear days.....												
Average No.	8	9	12	12	14	17	18	16	12	10	8	9
partly Cloudy												
days.....												
Average No.....	6	5	7	7	6	3	1	1	1	3	3	5
Cloudy days.....												
<i>Wind</i>												
Prevailing direct'n	NE	NE	W	W	W	W	W	W	W	W	W	NE
Highest velocity	48	40	46	42	30	24	22	22	28	34	43	37
Direction.....	NE	W	SW	W	NW	W	W	W	W	NE	NE	E
Date	8th	17th	12th	12th	1st	9th	14th	18th	16th	7th	9th	14th
Year.....	1882	1884	1881	1883	1887	1892	1886	1885	1882	1887	1881	1887

* Many years.

FROSTS

Average date of first "Killing" in autumn—none reported.
Average date of last "Killing" in spring, March 19th.

NORMAL CLIMATOLOGICAL DATA FOR RED BLUFF, CALIFORNIA, FOR TWENTY-SIX YEARS.

Compiled by the United States Weather Bureau.

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Temperature</i>												
Mean for Month....	45°	49°	55°	59°	67°	75°	82°	81°	73°	64°	54°	47°
Highest mean..... } Year.....	50° 1881	54° 1886	61° 1885	67° 1888	73° 1897	81° 1878	86° 1887	84° 1885	81° 1888	71° 1887	59° 1894	50° 1886
Lowest mean..... } Year.....	39° 1890	43° 1887	48° 1897	52° 1896	60° 1899	69° 1894	78° 1884	74° 1889	60° 1882	56° 1881	50° 1897	42° 1891
Highest } Date and Year....	77° 27th 1899	82° 25th 1888	86° 9th 1892	96° 24th 1898	110° 29th 1887	110° 30th 1891	115° 8th 1887	114° 22d 1891	108° 1st 1891	97° 5th 1892	88° 3d 1890	79° 5th 1885
Lowest } Date and Year....	18° 14th 1888	22° 14th 1884	28° 16th 1880	34° 15th 1896	37° 7th 1879	44° 1st 1898	53° 1st 1881	52° 27th 1881	46° 12th 1893	32° 14th 1881	26° 30th 1880	25° 13th 1884
<i>Precipitation</i>												
Mean for Month....	4.74	3.57	3.19	2.06	1.34	0.50	0.02	0.04	0.63	1.30	2.95	5.40
Greatest fall..... } Year.....	20.71 1878	16.66 1878	12.84 1906	7.05 1880	3.11 1906	2.61 1880	0.17 1891	0.54 1896	4.86 1904	8.41 1889	17.05 1885	12.85 1880
Lowest fall } Year.....	0.51 1887	0.01 1899	T 1885	0.53 1888	0.18 1884	0.00 *	0.00 *	0.00 *	0.00 *	0.00 1887	0.00 1890	0.52 1883
Greatest rainfall } in 24 hours, date and year.....	5.11 16th 1878	3.80 17th 1878	2.17 9th 1884	2.03 20th 1880	1.67 9th & 10th 1890	0.84 3d & 4th 1888	0.10 9th 1891	0.54 29th & 30th 1896	3.86 23d 1904	1.70 20th 1889	4.73 9th & 10th 1885	5.09 19th 1879
Average No. days } with .01 of an in. or more.....	11	9	11	9	6	3	1	2	2	6	6	11
<i>Clouds & Weather</i>												
Average No. } Clear days.....	13	13	9	13	16	22	28	29	25	20	17	11
Average No. } partly cloudy days.....	9	9	11	11	10	6	3	2	4	8	7	9
Average No. } Cloudy days....	9	7	11	6	5	2	0	0	1	3	6	11
<i>Wind</i>												
Prevailing direct'n	N	N	N	S	S	S	S	S	NW	N	N	N
Highest velocity } Direction.....	60 N	52 N	42 S	48 NW	40 S	42 S	36 S	26 S	40 N	46 N	44 N	52 N
Date } Year.....	9th 1880	18th 1880	9th 1884	15th 1880	6th 1889	14th 1888	8th 1887	31st 1889	30th 1882	14th 1878	27th 1885	19th 1879

* Many years.

FROSTS

Average date of first "Killing" in autumn, November 20th.
Average date of last "Killing" in spring, March 15th.

APPENDIX.

RATES OF COMMISSIONS AND BROKERAGE.

TO BE CHARGED WHERE NO EXPRESS AGREEMENT TO THE
CONTRARY EXISTS.

Adopted by the Chamber of Commerce of San Francisco, May 9th,
1871, as Amended to Date.

Commission on purchase of stocks, bonds and all kinds of securities, including the drawing of bills, for payment of same	1 per ct.
On sale of stocks, bonds and all kinds of securities, with guarantee of sale, and remittance in bill.....	1 per ct.
(But in this and all other cases where no charge is made for guarantee of Bill of Exchange, the party shall remit in first-class paper, without guarantee, unless the Bill be endorsed by him.)	
On purchase or sale of specie, gold dust or bullion, on amounts not exceeding \$20,000.....	1 per ct.
On purchase or sale of specie, gold dust or bullion, on any excess over \$20,000.....	½ per ct.
For drawing or endorsing bills of exchange.....	1½ per ct.
On sale of bills of exchange without endorsement.....	1 per ct.
On sale of merchandise from domestic Atlantic ports, with guarantee	5 per ct.
On sale of merchandise from foreign ports, with guarantee..	7½ per ct.
On goods received on consignment, and afterwards withdrawn, on invoice cost.....	2½ per ct.
(The receipt of the Bill of Lading to be considered equivalent to receipt of the goods.)	
On purchase and shipment of merchandise, with funds in hand, on cost and charges, when not exceeding \$2,500....	5 per ct.
On purchase and shipment of merchandise, with funds in hand, on excess over \$2,500.....	3½ per ct.
On purchase and shipment of merchandise without funds in hand, on cost and charges.....	5 per ct.
For collecting and remitting delayed or litigated accounts..	10 per ct.
For collecting general claims.....	2½ per ct.
For collecting and paying or remitting money from which no other commission is derived.....	1 per ct.
For collecting freight by vessels from domestic Atlantic ports, on amount of freight list or charter party.....	2½ per ct.
For collecting freight by vessels from foreign ports, on amount collected	2½ per ct.

For attending to general average matters and collecting contributions,

on the first \$10,000, or any smaller amount.....	5 per ct.
on any excess over \$10,000 to \$30,000.....	2½ per ct.
on any excess over \$30,000.....	1 per ct.

(A deposit to cover probable amount of contribution, or security to the satisfaction of the merchant attending to the matter, to be furnished by the claimant of goods.)

For landing and re-shipping goods at this port from vessels in distress, on market value.....1¼ per ct.

(The merchant entitled to such commission being held in all cases to have assumed the responsibility of the safe keeping of the Cargo, except as to damage resulting from natural accidents.)

For accepting and paying a bottomry on respondencia bond.2½ per ct.
(Interest to be also allowed for the time used.)

On purchase or sale of vessels.....2½ per ct.

For entering, clearing and transacting ship's business on vessels with cargo or passengers, on vessels under 500 tons register \$100
on vessels from 500 to 1,000 tons register.....\$150
on vessels over 1,000 tons register.....\$200

(If the vessel be chartered and cleared by different consignees, the commission not to exceed one-half of the above rates to each.)

For disbursements of vessels by consignees, with funds in hand 2½ per ct.

For disbursements of vessels by consignees, without funds in hand 5 per ct.

For procuring freight or passengers..... 5 per ct.

For chartering vessels, on amount of freight, actual or estimated, to be considered due when the charter is effected.. 5 per ct.

(But no charter to be considered as effected or binding until a memorandum or one of the copies of the charter party has been signed. Where no special rate of exchange is stipulated on outward charters, payable in sterling, the pound sterling to be valued at \$4.86 U. S. gold coin.)

On giving bonds for vessels under attachment in litigated cases, on amount of liability.....2½ per ct.

For receiving and transhipping, or otherwise forwarding goods, on invoice amount, on the first \$3,000, or any smaller amount 2½ per ct.

For receiving and transhipping, or otherwise forwarding goods, on invoice amount, on any excess over \$3,000..... 1 per ct.

For effecting marine insurance, when no commission for sale or purchase is charged, on amount of premium..... 5 per ct.

The foregoing commissions to be exclusive of brokerage and every charge actually incurred.

Brokerage, on purchase or sale of merchandise..... 1 per ct.

On bonded goods in warehouse, as per class, per month, 37½ to 62½ cents per ton of 40 cubic feet, or of 2,000 lbs. On bonded goods stored outside or in yard of warehouse, 37½ cents per ton. On free goods, as per class, 25 to 37½ cents per ton of 2,000 lbs., or of 40 cubic feet.

In all cases a fraction of a month to be charged as a month.

REGULATIONS.

Concerning Delivery of Merchandise, Payment of Freight, Etc.

When no express stipulation exists per Bill of Lading, goods are to be considered as deliverable on shore.

Freight on all goods to be paid, or secured to the satisfaction of the captain or consignee of the vessel, prior to the delivery of goods.

After the delivery to the purchaser of merchandise sold, no claim for damages, deficiency or other cause, shall be admissible, unless made within three days, and no such claim shall be admissible after goods sold and delivered have once left the city.

When foreign Bills of Lading do not expressly stipulate the payment of freight in a specific coin, foreign currency shall be reckoned according to the United States value thereof, and payment be made in any legal tender of the United States;

When foreign Bills of Lading expressly stipulate that the freight shall be paid in a specific coin, then the same must be procured, if required, or its equivalent given—the rate to be determined by the current value at the time in San Francisco.

When no special agreement is contained in a charter party, lay days shall commence as follows: For vessels from foreign ports with general cargo, as soon as vessel is in her discharging berth, and a general order has been issued by the Custom House.

For vessels with Coal from Atlantic or Australian ports, five running days after arrival, provided that discharging berth can be procured.

In the case of coal-laden vessels, when no special quantity is fixed by the charter party, the minimum quantity to be discharged per working day shall be 150 tons.

In the case of grain-loading vessels, when the charterer does not furnish stiffening within forty-eight hours from the time notice is given him by the captain or consignee, the time lost should count as lay days on the charter.

For tare on Wool Bags, two pounds is to be allowed for each new sack, and three and one-half pounds for each second-hand sack.

For tare on China Sugar, four pounds is to be allowed for each mat containing four pockets of about 25 pounds each.

All other rates of tare are to be allowed as by custom in New York, except when otherwise provided.

For vessels loaded with general cargo, when no special quantity is fixed by the charter party, the minimum quantity to be discharged per weather working days shall be two hundred tons.

ARBITRATION CLAUSE BILLS OF LADING.

“Any disputed claim against the vessel not exceeding \$100.00 to be settled by the Arbitration Committee of the Chamber of Commerce of the port in which dispute arises or by arbitrators selected by the parties in interest, and to be binding on said parties, arbitration fees to be paid by loser or losers.”

Stevedore Rates, Rates of Pilotage, Rates of Dockage and Tolls.

STEVEDORE RATES.

DISCHARGING

Coal—Mare Island Navy Yard.....	\$0.50
Coal, Cement and Ballast.....	.45
Sugar—Java and Philippines .....	.50
Pig Iron, Chalk and Cliff Stone.....	.50
Sheet Iron or Bar Iron, under three inches in diameter, under 100 tons	1.00
Sheet Iron or Bar Iron, under three inches in diameter, over 100 tons .....	.75
Railroad Iron .....	.60
Coke, Boiler Plates and Scrap Iron .....	.90
Jute and Seeds—40 cubic feet .....	.35
Nitrate, Rock Salt discharged in boxes, Sulphate of Ammonia, Fertilizer, Shale and Sulphur .....	.45
Glass and Fire Brick .....	.70
Bar Iron, three in. or over, Structural Iron, Tie Plates, Angles, Beams, Girders, Blooms	1.25
Slab, Block Marble and Machinery, up to two tons....	1.50
Slab, Block Marble and Machinery, or any weights over two tons, in quantities over 200 tons	2.00
Weights over two tons and in quantities under 200 tons	
General Merchandise, weight and measurement.....	.45
All weights of above 2240 lbs. to ton unless otherwise specified.	

LOADING.

Wheat—2240 lbs.	\$0.35
Barley, Beans and Flour—2000 lbs.35
Bran—40 cubic feet35
Canned and Bbl. Salmon—2240 lbs.50

STEVEDORE RATES

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Canned Fruit and Borax—2000 lbs.50
Orchilla and Pulu, General Merchandise, 40 cubic feet	.45
Wine, Tallow, Asphalt in barrels—2000 lbs. ....	.75
Scrap Iron—2000 lbs. ....	.90
Lumber, San Francisco and Eureka, per 1000 feet.	1.40
Ties, San Francisco—per 1000 feet ....	.85
Eureka—per 1000 feet	1.00
Oakland or Stream, 10c extra.	
All Stiffening of Grain ....	.45
Supplying and Loading Ballast—2000 lbs.	
Lighterage when required ....	.50
Hauling away Ballast from ship at dock at San Fran-	
cisco ....	.45
Lightering away Ballast from ship ....	.75
Discharging and Loading Cross Bunkers, Side Pockets,	
Fore and After Peaks and Lazarettes or Tanks, 10 cents per	
ton or 10 cents per 1000 feet extra on above rates.	

BALLAST.

Supplied and put on board—2,000 pounds.	\$0.80
Lighterage, when required. ....	.75
Hauling Ballast, where carts can be used, from the City	
Wharf ....	.45
Hauling Ballast where lighters must be used. ....	.75

CHARGES FOR ENTERING.

Survey	\$3.00
Entry	2.50
Official Certificate and Oath ....	.20

CHARGES FOR CLEARANCE.

Clearance	\$2.50
Official Certificate and Oath ....	.20
Post entry, if any	2.00

RATES OF PILOTAGE.

In effect Sixty Days after March 22, 1905.

Section 1. Section twenty-four hundred and sixty-six (2466) of the Political Code of the State of California is hereby amended so as to read as follows:

2466:—Rates of Pilotage at San Francisco. The following shall be the rates of pilotage into and out of the harbor of San Francisco: All vessels under five hundred (500) tons, three (\$3.00) dollars per foot draught; all vessels over five hundred (500) tons, three (\$3.00) dollars per foot draught and three (3) cents per ton for each and every ton registered measurement; and every vessel spoken inward or outward bound, except as hereinafter provided shall pay the said rates. A vessel is spoken by day by a pilot boat displaying a Union Jack or by night displaying a torch or flare up within a distance of three (3) miles of the vessel. In all cases where inward bound vessels are not spoken until inside the bar, the rates of pilotage herein provided shall be reduced fifty (50) per cent. Vessels engaged in whaling or fishing trades shall be exempt from all pilotage, except where a pilot is actually employed.

Sec. 2. Section twenty-four hundred and sixty-eight (2468) of the Political Code of the State of California is hereby amended so as to read as follows:

2468:—Same. Exemption and reduction of pilotage. All vessels sailing under an enrollment, and licensed and engaged in the coasting trade between the port of San Francisco and any other port of the United States shall be exempt from all pilotage unless a pilot be actually employed. All foreign vessels and all vessels from a foreign port or bound thereto, and all vessels sailing under a register between the port of San Francisco and any other port of the United States shall be liable for pilotage as provided in Section twenty-four hundred and sixty-six (2466) of this Code.

RATES OF DOCKAGE.

EACH RATE IS FOR A DAY OF TWENTY-FOUR (24) HOURS, OR ANY PART THEREOF, INCLUDING SUNDAYS, HOLIDAYS, AND RAINY DAYS.

61. For all ocean vessels, steam or sail, and all sail vessels, steamboats, and barges navigating the bay of San Francisco and the rivers and other waters flowing into it, of two hundred net registered tons or under, 2 cents per ton; for all such vessels of over two hundred net registered tons, \$4 for the first two hundred tons, and three-quarters of a cent for each additional ton.

FULL RATES SHALL BE CHARGED AS FOLLOWS:

62. (1) Vessels with cargo on board docking at wharf while discharging cargo.

(2) Vessels with cargo on board docking at a wharf while discharging or taking on passengers and baggage.

(3) Vessels with no cargo on board docking at a wharf while discharging passengers and baggage.

(4) Vessels with cargo on board docking at a wharf while taking on stores, supplies or fuel oil for fuel for such vessel.

(5) Vessels with cargo on board docking at a wharf while lying idle.

(6) Vessels that are engaged in towing.

(7) Vessels that are not engaged in carrying freight and passengers.

HALF RATES SHALL BE CHARGED AS FOLLOWS:

63. (1) Vessels with no cargo on board docking at a wharf while loading cargo.

(2) Vessels with no cargo on board docking at a wharf while receiving passengers or receiving stores, supplies or fuel oil for fuel of such vessel.

(3) Vessels with cargo on board docking at a wharf while taking on a reasonable amount of cargo, exclusive of stores, supplies or fuel oil for fuel of such vessel.

(4) Vessels with no cargo on board while lying idle at a wharf.

(5) Vessels while receiving or discharging ballast or receiving stiffening.

(6) Vessels either discharging, loading or lying idle while occupying outside berths.

(7) Vessels while moored in docks, slips, basins or canals.

(8) Vessels engaged in towing and vessels not engaged in carrying freight and passengers not entitled to half rates.

64. When the per diem dockage of a vessel, as above described, is not a multiple of five it must be reduced or increased, as the case may be, to the nearest such multiple; provided, that if it be equally near to two such multiples, it must be increased to the first such multiple above.

65. All bills for dockage must be paid when due, whether approved by the master or not. Failure to pay said bills on presentation will subject the vessels to be placed on the Delinquent List, and to the penalties provided by law. Errors, if any, will be rectified by the Board.

66. When a vessel of any kind is charged or has paid dockage at a wharf for any day, she may use the same or any other wharf during that day without further charge, no matter how often she may leave and return; provided, a receipt for payment or transfer card from the Wharfinger at the first wharf be produced; and on application of the master the Wharfinger is required to issue such transfer card.

RATES OF DOCKAGE ON LIGHTERS.

66a. A lighter is understood to be a vessel which has neither power nor steering equipment.

67. A dockage rate of 1 cent per ton net tonnage per day will be charged on all lighters in the following cases:

(1) When discharging or loading at a wharf.

(2) When discharging into or loading from a vessel lying at a wharf, or when lying at a wharf or in a slip with or without cargo on board.

(3) When transporting from a wharf to a vessel, or from a vessel to a wharf, but one dockage charge will be made per day.

RATES OF TOLLS.

Both a discharging and a loading toll shall be imposed on all merchandise (including vessel's stores and supplies and fuel oil for such vessel) except where otherwise specified, and must be paid by the vessel discharging or loading same.

68. A ton is by weight 2,000 pounds, unless otherwise specified; by measurement, 40 cubic feet.

69. Merchandise, for the purpose of tolls or wharfage, must be computed by weight or measurement, as the one mode or the other will give the greater number of tons.

70. Of the following articles 2,240 pounds constitute a ton: Coal, railroad iron, pig iron, gypsum, asphaltum, ores, crude or boiled sulphur, paving stones, sand, and ballast.

TOLLS PER TON.

71. On merchandise (except where otherwise specified) including vessels' stores and supplies and coal and fuel oil for such vessel, per ton	5 cents
On flour, grain and millstuffs	5 "
On 400 pounds or less	1 "
On 800 pounds or less and more than 400 pounds..	2 "
On 1200 pounds or less and more than 800 pounds.	3 "
On 1600 pounds or less and more than 1200 pounds	4 "
On 2000 pounds or less and more than 1600 pounds	5 "

Tolls on merchandise, when measured or charged a higher rate, to be collected according to the foregoing subdivisions:

TOLLS CHARGED OTHERWISE THAN BY THE TON.

72. On the following articles tolls must be paid as follows:

On Fir, Redwood, Spruce, and all soft-wood lumber, per 1,000 feet, board measure	10 cents
On Oak, Hickory, Ash, and all hard-wood lumber, per 1,000 feet, board measure.....	20 "
On lumber or Timber discharged in the water in any slip, dock, basin, or canal, the same as if discharged on a wharf.	

On Piles discharged in any slip, dock, basin, or canal, per pile	6 cents
On Fence Posts, per 100	10 "
On Railroad Ties, per 1,000 feet of lumber, board measure, contained therein (32 or 24 feet to a tie, according to size)	10 "
On Shingles, per 40 bundles.....	10 "
On Laths, per 60 bundles	10 "
On Shakes, per 100 bundles	10 "
On Empty Barrels (merchandise), each	$\frac{1}{4}$ "
On Empty Sugar Barrels, each	$\frac{1}{4}$ "
On Cord Wood, per cord.....	5 "
On Tan Bark and Stave Bolts, per cord.....	5 "
On Fire Bricks, per 1,000.....	15 "
On Bricks (other than Fire Bricks), discharged on, or loaded from, any wharf, per 1,000.....	10 "
On Bricks (other than Fire Bricks), discharged from any vessel lying at any wharf, or in any slip, dock, or basin, into another vessel, or received into any such vessel from any lighter or other vessel, per 1,000.....	5 "
On Wool or Cotton in sacks, per sack.....	1 "
On Wool or Cotton in bales, strapped, per bale...	$1\frac{1}{2}$ "
On Hops in bales, per bale.....	1 "
On Hides of Cattle (green or dry), per hide	$\frac{1}{4}$ "
On Skins, per skin	1-16 "
On Cattle, Horses, and Mules, per head.....	5 "
On Colts and Calves, under a year old, per head..	$2\frac{1}{2}$ "
On Sheep and Hogs, per head	1 "
On Hay, per ton	5 "
On Crushed Rock (long ton)	5 "
On Reapers, Mowers, Horse Rakes, Hay Presses, Gang Plows, Cultivators, and Wheeled Vehicles, set up, each	10 "
On Headers and Separators, set up, each.....	20 "
On Charcoal, per 35 sacks (of 55 pounds each)....	5 "
On Cement, 5 barrels to the ton	5 "
On Lime, 8 barrels to the ton	5 "

On Beef, Pork or Fish, 6 barrels to the ton.....	5 cents
On Sugar or Syrup, 6 barrels to the ton.....	5 “
On Wine or Liquor, per bbl.	1¼ “
On Wine or Liquor, per pipe	5 “
On Cocoanuts, per 1,000, unhusked	15 “
On Cocoanuts, per 1,000, husked	10 “
On Bananas, per bunch	¼ “
On Salmon, per ton of 2,000 pounds.....	5 “
Crude Oil (whether in barrels or bulk), per ton of 2,000 pounds (7¾ lbs. to gallon).....	5 “
Crude Oil, naphtha, gasoline, etc., conveyed either inward or outward, over or through any wharf, bulkhead or other State structure, or loaded or discharged in any slip, basin or channel, per ton of 2,000 pounds (7¾ lbs. to gallon).....	5 “

73. (The weight of crude oil contained in tanks or vessels or conveyed to or from shipping, to be computed on the basis of 7¾ pounds per gallon, if actual weight is not obtainable.)

74. On Empty Packages, being returned to the owner, who uses them to send commodities to market, no tolls will be charged.

75. Grain, flour, millstuffs, beans and seeds will be subject at all wharves, to the same rules and rates of tolls and wharfage as are imposed on other merchandise.

76. The term “grain” is intended to and does include wheat, barley, oats, corn, and rye; the term “flour” includes only the flour of wheat, and “millstuffs” includes only bran, middlings, shorts and ground feed.

78. No tolls will be charged on donkey engines or stevedores’ tools when taken on the wharf for the purpose of loading or discharging a vessel; nor on milk, butcher, baker, ice, or laundry supplies furnished daily to vessels.

79. Merchandise landed on a wharf and not removed therefrom, may be reshipped from the same wharf, without the payment of further toll, but the wharfage, if any due thereon, must be paid.

80. Merchandise, except bricks(other than fire bricks), discharged from a vessel lying at any wharf or within any slip, into lighters or other vessels, is subject to the same rates of toll as if discharged on or loaded from a wharf.

81. When the tolls have been paid on merchandise, on its being discharged from a vessel it may be landed thence on a wharf, or discharged into another vessel, without the payment of further tolls; except bricks (other than fire bricks), which shall be charged as follows: On bricks, 5 cents per one thousand.

WHARFAGE.

82. Merchandise must be removed from the wharf before 5 o'clock P. M. on the day following the one on which it was placed thereon; but Wharfingers are hereby authorized, when the owners or consignees of merchandise desire it, and it can be done without interfering with the business of the wharf, to allow merchandise to remain on the wharf after the prescribed time, at a wharfage charge equal to an additional toll for every forty-eight hours or part thereof. If merchandise be not removed within twenty-four hours after notice by the Wharfinger, it shall be liable to the penalties of Section 2524 of the Political Code.

**RULES AND REGULATIONS FOR THE HANDLING OF
FUEL OIL ON THE WATERFRONT OF THE CITY
AND COUNTY OF SAN FRANCISCO, CAL.**

87. All vessels carrying oil for fuel must store same in steel or iron tanks.

88. No vessel carrying oil for fuel in wooden tanks or wooden compartments shall be allowed to lie alongside or make fast to any other vessel while the same is lying at any Dock, Pier or Wharf, or to lie alongside or make fast to any structure under the jurisdiction of the Board of State Harbor Commissioners.

89. All oil for fuel purposes must be delivered through a steam pump so as to pump the oil into the vessel to be supplied as quickly as possible, and all vessels carrying oil for fuel must be kept clear of rubbish, etc., which is liable to catch fire from sparks.

90. No vessel loaded with Coalinga oil or any other oil which will flash below 110 degrees Fahrenheit, shall be permitted to haul alongside of any vessel or structure.

91. No vessel shall discharge or receive fuel oil while lying at any dock, pier or wharf except between sunrise and sunset. This includes deliveries by vessel, wagon or pipe line.

92. No vessel engaged in the business of supplying fuel oil shall be allowed when empty to haul or lie alongside any vessel, dock, pier or wharf, and vessel after having discharged oil, must immediately haul away from vessel or structure.

BY-LAWS OF THE CHAMBER OF COMMERCE OF SAN FRANCISCO.

ADOPTED MAY 12th, 1868; AS AMENDED TO DATE.

ARTICLE I.

Meetings.

The Regular Meetings of the Chamber shall be held every three months, to wit: On the third Tuesdays in January, April, July and October, at such hour as the Board of Trustees shall order.

Annual Meeting.

The next Annual Meeting shall be the Regular meeting in January, 1874, and thereafter the Regular Meeting in the month of January in each year shall be the Annual Meeting. The Officers and Trustees elected in May, 1873, shall hold office until the Annual Meeting in January, 1874, and until their successors are installed.

Special Meetings may be held at any time on the call of the President, who shall call such meetings whenever requested to do so by any five members. At all meetings of the Chamber fifteen members shall constitute a quorum.

ARTICLE II.

Officers.

The Annual Election for officers shall be held on the second Tuesday of January, in each and every year, under the supervision of a Committee to be appointed by the Board of Trustees. The polls shall be open from 12 m. to 3 o'clock p. m. on the day of election. There shall be elected fifteen Trustees, one of whom shall be designated on the ballot as President, another as Vice-President, and another as Second Vice-President, who shall be, respectively, President and Vice-Presidents of the Corporation and Board of Trustees. Said Trustees so elected shall constitute a Board, to be known and designated as "The Board of Trustees of the Chamber of Commerce of San Francisco." And said Officers and Trustees shall hold their offices for one year from the third Tuesday of January following their election, and until their successors are duly installed.

The Board of Trustees shall have power to manage all the financial affairs of the Corporation. They shall elect or appoint from among the members of the Chamber, or otherwise, a Secretary, a Treasurer, a Librarian, and such other agents or servants as the business of the Corporation shall require, who shall hold their offices at the pleasure

of the Board, and shall receive such compensation as said Board shall affix to their respective offices. Said Board shall also have the power to levy and collect assessments, and to fix the amount of dues to be paid by the members, which shall not be less than twelve dollars per annum. They shall also have power to elect and admit members of the Corporation. They shall have the general charge of all the funds and other property of the Corporation. **Provided** that the collection of any assessment levied by the Board of Trustees shall be suspended upon the written dissent thereto of ten members, addressed to the President, until such assessment has been affirmed by a vote of the Chamber, at either a regular or special meeting.

Vacancies.

Any Trustee ceasing to be a member of the Chamber, or failing to attend three consecutive meetings of the Board, unless debarred by sickness or absence from the city, his office shall thereupon become vacant. All vacancies shall be filled by a new election at the next regular meeting of the Chamber.

Board Meetings.

The regular meetings of the Board shall be held the second Tuesday in each and every month. Special meetings may be called by the President at any time, who shall call such meeting whenever requested by any three Trustees. At all meetings of the Board of Trustees, five members shall constitute a quorum.

ARTICLE III.

President.

It shall be the duty of the President to preside at all meetings of the Board of Trustees and of the Chamber; to call special meetings, as elsewhere in these By-Laws provided, and to present at the annual meeting a report reviewing the action of the Chamber upon the various matters which shall have been under consideration during the preceding year, and making such suggestions as in his judgment the interests of the Chamber may require. In addition to his vote as a member, he shall have a casting vote at all meetings, both of the Board of Trustees and of the Chamber.

Vice-Presidents.

The Vice-Presidents, in the order of their rank, shall, in the absence of the President, perform all his duties.

Chairman Pro Tem.

In the absence of the President and both Vice-Presidents from any meeting, a Chairman pro tem. shall be appointed for such meeting.

Citizenship.

The President and Vice-Presidents shall be citizens of the United States and of the State of California.

ARTICLE IV.

Secretary.

The Secretary shall keep a fair record of all the proceedings of the Chamber; shall present at its meeting such of the communications made to him officially as the Board of Trustees shall select for that purpose; and give proper notice of the meetings of the Board and

of the Chamber, and report at the annual meeting the existing number of members, together with the deaths, resignations and additions of members during the year.

He shall act as Secretary of the Board of Trustees, and shall keep a fair record of their proceedings. He shall attend all meetings of the Committee of Arbitration and Appeals, and shall record the points at issue in the cases submitted to them, and the decisions given. All his records shall at all times be open to the inspection of any member of the Chamber.

He shall perform such other duties as may be assigned him by the Chamber, or by the Board of Trustees.

All communications proceeding from the Chamber shall be signed by the President and Secretary, and attested by the seal of the Chamber.

ARTICLE V.

Treasurer.

The Treasurer shall collect, or cause to be collected all dues, fines and assessments, and take charge of the funds of the Chamber, and pay out the same, under the direction of the Finance Committee of the Board of Trustees; and shall also deposit any surplus funds belonging to the Chamber, in some savings institution, with the approval of said Finance Committee and the President of the Chamber. He shall keep regular accounts of money received and expended, and report at each meeting of the Board of Trustees the condition of the Treasury. He shall render a detailed account at the annual meeting of the Chamber, which shall be certified to by the Finance Committee of the Board of Trustees, showing all the transactions during the previous year.

ARTICLE VI.

Librarian.

The Librarian shall make and keep a catalogue of all the books, maps and charts which may belong to the Chamber, and attend to their preservation. He shall allow of their proper use by the members of the Chamber. He shall report, at the annual meeting, the additions that shall have been made during the previous year, specifying separately such books as shall have been purchased, and such as shall have been donated, and the names of the parties contributing the same. The same person may be eligible to the three offices of Secretary, Treasurer and Librarian.

Library.

The Board of Trustees shall have power to employ any funds of the Chamber, not required for necessary expenses, or otherwise appropriated for the purchase of maps, and financial, commercial and statistical books for the Library.

ARTICLE VII.

Of the Board of Trustees.

At the first regular or special meeting of the Board of Trustees, held after the adoption of these By-Laws, and thereafter at the first regular or special meeting following the annual meeting of the Chamber, the President shall appoint, from among the members of the Board, eight Standing Committees for the year, as follows:

1st. A committee of three, on "Finance," whose duty it shall be to supervise the accounts of the Treasurer; to examine all bills before

payment (and none shall be paid without their approval); to recommend assessments when they shall deem them necessary, and to certify to the statement of the Treasurer to the annual meeting of the Chamber.

2d. A committee of three on "Library." This committee shall have general supervision of the Library, and shall also have the general charge of the rooms and furniture.

3d. A committee of three on "Membership," whose duty it shall be to receive all applications for membership, and report thereon to the Board.

4th. A committee of five, on "Arbitration," to whom may be referred all cases of mercantile disputes arising between members of the Chamber, or between parties not members, which may be submitted to the Chamber for settlement. This committee shall meet at the call of its chairman. All parties claiming its service shall make statements of their points in writing, and shall have the right of producing witnesses, under the regulations and direction of the Committee.

5th. A committee of five, on "Appeals," to whom appeal may be made from the decisions of the Committee on Arbitration, under such regulations as the Board of Trustees may at any time adopt; but no decision of the Committee on Arbitration, shall be appealed from, unless the appeal be made in writing within five days after the delivery to the parties interested, of the decision of the Committee on Arbitration.

6th. A committee of three on "Foreign Commerce and the Revenue Laws."

7th. A committee of three on "Internal Trade and Improvements."

8th. A committee of three on "Harbor and Shipping."

9th. A committee of three on "Reception and Entertainment."

Their duty shall be to examine into and make report upon such subjects as may be referred to them, or they may originate and report to the Chamber such views as they may deem proper for its consideration. A majority of each committee shall be a quorum thereof. Vacancies in any committee shall be filled at the next regular meeting of the Board.

ARTICLE VIII.

Membership.

Any mercantile firm, merchant, merchandise broker, manufacturer, banker, or officer of a local insurance company, resident in the States of California, Oregon, Nevada, or Washington, may become a member of this Chamber on a proposal signed by a member in writing, addressed to the Committee on Membership, who shall report thereon to the Board at the next regular meeting thereof, when a ballot shall take place, and the candidate shall be declared to be admitted unless three negatives shall appear against him; in which case he cannot again be proposed during the ensuing twelve months. Any other person may be elected a member of the Chamber upon the unanimous recommendation of the Committee on Membership and the unanimous vote of the Board of Trustees. **Honorary Members** may be elected by the unanimous recommendation of the Committee on Membership and the unanimous action of the Board of Trustees, confirmed by a two-thirds vote of the Chamber. Such Honorary Membership shall be conferred only in acknowledgment of eminent services rendered the Republic or for aid given the Chamber on behalf of public inter-

ests germane to its organization, and not over two such Honorary Memberships shall be conferred in any one year. The vote for Honorary Membership shall be by ballot.

The Secretary shall forthwith notify all successful candidates of their election; and invite them to sign these By-Laws, in a book to be provided for that purpose. Without such signature in person or by attorney, within one month after his election, the candidate elected shall be deemed to have declined his election.

Every membership shall be entitled to one vote at all meetings and elections of the Chamber.

All elections of persons or firms to membership requiring the unanimous recommendations of the Committee on Membership and the unanimous vote of the Board of Trustees, shall be held by secret paper ballot and in no such case shall a motion be entertained that the ballot be cast by the Secretary.

ARTICLE IX.

Dues and Assessments.

Every member shall pay to the Treasurer, on demand, for the use of the Chamber, such sum (which shall not be less than three, or more than six dollars, payable quarterly in advance) as the Board of Trustees shall assess for the payment of current expenses.

No dues shall be deemed to be remitted or abated by reason of absence from the State.

A member refusing or neglecting to pay fines, dues or assessments, for three months after the same become due or payable, or guilty of any conduct unbecoming his calling, may be expelled from the corporation by a two-thirds vote of the entire Board of Trustees.

ARTICLE X.

Resignations.

Any member desirous of resigning his membership, shall address a letter of resignation to the Secretary, which shall be his warrant for erasing the name of such member from the rolls. But no such resignation shall be deemed valid unless all the dues and assessments chargeable against the member resigning shall have been fully paid.

ARTICLE XI.

Arbitration Fees.

The Secretary shall be entitled to five dollars for his services in calling a meeting of the Committee on Arbitration or Appeals, and a further sum of five dollars for each copy of an award he may be called on to furnish. In addition to the said compensation of the Secretary, each of the parties shall pay such fee, not less than ten dollars nor more than one hundred dollars, as the Committee shall deem reasonable with reference to the importance of the case. When either of the parties litigant is a member of the Chamber, he shall pay one-half the committee-fee that would otherwise be chargeable under this section.

All fees for arbitration, or an appeal, shall be paid to the Treasurer—one-half for the use of the Chamber, and the balance to be equally divided among such members of the Committee on Arbitration as shall have been in regular attendance during the examination in which the fees in question shall have accrued. All awards by either of these committees shall be reported at the next regular meeting of the Chamber.

ARTICLE XII.

Elections.

All elections, by either the Chamber or Board of Trustees, shall be by ballot. At elections for Trustees the fifteen receiving the highest number of votes shall be elected; and those receiving the highest number of votes for President and Vice-Presidents shall be elected to those offices respectively; **provided**, nevertheless, that twenty votes shall be necessary in all cases to elect an officer or Trustee. In case fifteen Trustees are not chosen at the annual election, the others may be elected at the annual, or a subsequent, meeting of the Chamber.

ARTICLE XIII.

Seal.

The Board of Trustees shall devise and procure, as soon as possible after the adoption of these By-Laws, a suitable seal for the Chamber.

ARTICLE XIV.

Amendments.

These By-Laws may be amended in the following manner:

1st. The proposed amendment shall be first passed by a two-thirds vote of the members present at a regular meeting of the Board of Trustees.

2d. It shall then be passed by a majority vote of the members present at the next regular meeting of the Chamber.

ARTICLE XV.

All persons who were members of "The Chamber of Commerce of San Francisco" previously to the adoption of these By-Laws, shall be invited by the Secretary to sign the same, either in person or by proxy, failing wherein, after notice and opportunity so to do, they shall be deemed to have declined to continue their membership.

Amendment Adopted July 18, 1893.

Political Questions.

Political questions that are partisan in their nature are prohibited from consideration or action by the Chamber.

RULES OF ORDER.

ARTICLE I.

At all regular meetings of the Chamber, the order of business shall be as follows:

1. Reading of minutes.
2. Presentation of communications.
3. Election to fill vacancies.
4. Reports of Committee on Arbitration and Appeals.
5. Reports of other Committees.
6. Unfinished business.
7. New business.

At the Annual Meeting of the Chamber, the order of business shall be:

1. Reading of minutes.
2. Report of the Secretary.
3. Report of the Treasurer.
4. Report of the Librarian.
5. Report of the President.
6. Election to fill vacancies.
7. Miscellaneous business.

ARTICLE II.

Rules of Order at Board Meetings.

At all regular meetings of the Board of Trustees, the order of business shall be as follows:

1. Roll call.
2. Reading of minutes.
3. Report of Secretary, Treasurer and Librarian.
4. Report of Committee on Membership, and balloting for new members.
5. Filling of vacancies.
6. Presentation of communications.
7. Reports of Committees.
8. Unfinished business.
9. New business.

ARTICLE III.

These rules of order may be suspended for any meeting, of either body by a vote of two-thirds of the members present at such meeting.

ARTICLE IV.

Manual.

Cushing's Manual shall be the authority for the decision of all parliamentary questions that may arise at meetings, either of the Chamber or of its Board of Trustees.

ARTICLE V.

Names to be Entered.

At all meetings, both of the Chamber and of the Board, the Secretary shall enter on the minutes the names of the members present; and no member shall leave the meeting previous to adjournment without permission from the Chair.

OFFICERS AND TRUSTEES

—OF—

THE CHAMBER OF COMMERCE OF SAN FRANCISCO

FROM DATE OF ORGANIZATION

	1851-2	1852-3	1853-4	1854-5	1855-6
President.....	Beverly C. Sanders.....	Beverly C. Sanders.....	D. L. Ross.....	J. B. Thomas.....	J. B. Thomas.....
1st Vice do.....	*	*	*	*	J. R. Rollinson.....
2d Vice do.....	*	*	*	*	H. F. Dana.....
Secretary, Treasurer and Librarian {	Lewis W. Sloat.....	Lewis W. Sloat.....	Lewis W. Sloat.....	John H. Williams.....	Wm. R. Wadsworth.....
Membership.....	*	*	*	*	*
	1856-7	1857-8	1858-9	1859-60	1860-1
President.....	F. W. Macondray.....	Dan'l Gibb.....	Dan'l Gibb.....	Albert Dibblee.....	Albert Dibblee.....
1st Vice do.....	H. F. Dana.....	*	*	Jas. De Fremery.....	Geo. H. Kellogg.....
2d Vice do.....	H. Carlton, Jr.....	*	*	Geo. H. Kellogg.....	C. J. Dempster.....
Secretary, Treasurer and Librarian {	Wm. R. Wadsworth.....	W. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	W. R. Wadsworth.....
Membership.....	*	*	*	May 1859-65.....	May 1860-93.....

* The Records of the Chamber having been lost in 1859, the Secretary has been unable to obtain this information.

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1861 TO 1868.

	1861-2	1862-3	1863-4	1864-5
President.....	Geo. H. Kellogg.....	Geo. H. Kellogg.....	Jas. De Fremery.....	Jas. De Fremery.....
1st Vice do.....	C. J. Dempster.....	C. J. Dempster.....	C. Adolphe Low.....	C. Adolphe Low.....
2d Vice do.....	Jas. De Fremery.....	Jas. De Fremery.....	J. Y. Halleck.....	R. Gibbons.....
Executive Committee.....	C. J. Dempster.....	J. W. Clark.....	J. B. Thomas.....	J. B. Thomas.....
	Wm. C. Ralston.....	Wm. C. Ralston.....	Geo. F. Bragg.....	R. G. Sneath.....
Secretary, Treasurer and Librarian.....	J. W. Clark.....	C. J. Dempster.....	R. G. Sneath.....	Geo. F. Bragg.....
	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....
Membership.....	May 1861-111.....	May 1862-111.....	May 1863-114.....	May 1864-105.....

	1865-6	1866-7	1867-8
President.....	J. A. Donohoe.....	R. G. Sneath.....	R. G. Sneath.....
1st Vice do.....	W. Meyer.....	Robt. B. Swain.....	Robt. B. Swain.....
2d Vice do.....	C. W. Brooks.....	J. W. Stow.....	J. W. Stow.....
Executive Committee.....	R. G. Sneath.....	Albert Dibblee.....	John Everding.....
	L. B. Benchley.....	W. Bartlett.....	W. Bartlett.....
Secretary, Treasurer and Librarian.....	Albert Miller.....	A. L. Tubbs.....	J. W. H. Campbell.....
	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....	Wm. R. Wadsworth.....
Membership.....	May 1865-114.....	May 1866-235.....	May 1867-237.....

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1868 TO 1873.

	1868-9	1869-70	1870-1	1871-2	1872-3
President.....	James Otis.....	James Otis.....	Robt. B. Swain.....	Robt. B. Swain.....	C. Adolphe Low.....
1st Vice-President.....	I. Friedlander.....	I. Friedlander.....	C. Adolphe Low.....	C. Adolphe Low.....	Wm. T. Coleman.....
2d Vice-President.....	Geo. W. Beaver.....	Geo. W. Beaver.....	Alex. Weill.....	Wm. T. Coleman.....	I. Friedlander.....
Trustee.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....
Trustee.....	Ira P. Rankin.....	Ira P. Rankin.....	H. P. Blanchard.....	C. A. C. Duisenberg.....	H. P. Blanchard.....
Trustee.....	Thos. H. Selby.....	Thos. H. Selby.....	Albert Dibblee.....	Jas. DeFremery.....	C. Christiansen.....
Trustee.....	R. Gibbons.....	R. Gibbons.....	Jas. Linforth.....	J. C. Merrill.....	Albert Dibblee.....
Trustee.....	J. W. H. Campbell.....	C. Adolphe Low.....	Ira P. Rankin.....	I. W. Raymond.....	Horace Davis.....
Trustee.....	Robt. B. Swain.....	Robt. B. Swain.....	Levi Stevens.....	J. H. Redington.....	O. Eldridge.....
Trustee.....	L. Sachs.....	L. Sachs.....	L. B. Benchley.....	Albert Dibblee.....	James Otis.....
Trustee.....	Jas. DeFremery.....	Jas. DeFremery.....	Jas. DeFremery.....	Horace Davis.....	Thos. H. Selby.....
Trustee.....	Jas. Linforth.....	Jas. Linforth.....	C. T. Hopkins.....	J. T. Dean.....	J. W. Stow.....
Trustee.....	Fred. L. Castle.....	Fred. L. Castle.....	James Otis.....	W. W. Montague.....	Robt. B. Swain.....
Trustee.....	H. B. Williams.....	H. P. Blanchard.....	L. Sachs.....	James Otis.....	Levi Stevens.....
Trustee.....	O. Eldridge.....	O. Eldridge.....	John H. Wise.....	L. Sachs.....	John H. Wise.....
Secretary, Treasurer and Librarian.....	C. T. Hopkins.....	W. Bartlett.....	W. Bartlett.....	W. Bartlett.....	W. Bartlett.....
Membership.....	May 1868—237.....	May 1869—239.....	May 1870—240.....	May 1871—246.....	May 1872—225.....

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1873 TO 1878.

	1873-4	1874-5	1875-6	1876-7	1877-8
President	Wm. T. Coleman	Wm. F. Babcock	Wm. F. Babcock	I. Friedlander	I. Friedlander
1st Vice-President	Wm. F. Babcock	I. Friedlander	I. Friedlander	J. C. Merrill	J. C. Merrill
2d Vice-President	I. Friedlander	J. D. Walker	J. C. Merrill	I. W. Raymond	I. W. Raymond
Trustee	H. P. Blanchard	J. C. Merrill	C. Adolphe Low	Horace Davis	E. D. Heatley
Trustee	C. Christiansen	M. J. O'Connor	I. W. Raymond	W. N. Olmsted	W. N. Olmsted
Trustee	Jas. DeFremery	I. W. Raymond	M. P. Jones	Ira P. Rankin	Ira P. Rankin
Trustee	O. Eldridge	H. B. Williams	Jas. C. Patrick	Geo. F. Bragg	Geo. F. Bragg
Trustee	James Otis	Geo. H. Eggers	A. L. Tubbs	Levi Stevens	Levi Stevens
Trustee	J. W. Stow	N. C. Fassett	Fred. L. Castle	W. N. Hawley	W. N. Hawley
Trustee	Geo. F. Bragg	M. P. Jones	J. C. Wilmerding	D. C. McRuer	D. C. McRuer
Trustee	Albert Dibblee	R. C. Johnson	Wm. Norris	C. Adolphe Low	C. Adolphe Low
Trustee	J. C. Merrill	Jas. C. Patrick	W. N. Olmsted	W. C. Talbot	W. C. Talbot
Trustee	Jas. C. Patrick	H. B. Tichenor	N. C. Fassett	W. W. Dodge	W. W. Dodge
Trustee	Thos. H. Selby	Fred. Roeding	Horace Davis	D. D. Shattuck	D. D. Shattuck
Trustee	John H. Wise	C. L. Taylor	C. L. Taylor	Alfred P. Elfelt	Alfred P. Elfelt
Secretary, Treasurer and Librarian	W. Bartlett	Henry Mel	Henry Mel	Henry Mel	Henry Mel
Membership	May 1873-238	January 1874-234	January 1875-241	January 1876-232	January 1877-227

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1878 TO 1883.

	1878-9	1879-80	1880-1	1881-2	1882-3
President.....	Jas. C. Patrick.....	Geo. C. Perkins.....	Wm. F. Babcock.....	Wm. F. Babcock.....	Wm. F. Babcock.....
1st Vice-President.....	J. C. Merrill.....	J. C. Merrill.....	A. P. Williams.....	A. P. Williams.....	A. P. Williams.....
2d Vice-President.....	I. W. Raymond.....	I. W. Raymond.....	Jas. D. Walker.....	Fred. L. Castle.....	E. D. Heatley.....
Trustee.....	W. N. Olmsted.....	Wm. N. Olmsted.....	A. B. Forbes.....	Albert Dibblee.....	Andrew Welch.....
Trustee.....	Sam'l Hart.....	Sam'l Hart.....	(i. W. McNear.....	William L. Merry.....	A. Chesebrough.....
Trustee.....	Robt. Balfour.....	R. Balfour.....	Moses Heller.....	Jas. DeFremercy.....	S. L. Jones.....
Trustee.....	H. P. Blanchard.....	H. P. Blanchard.....	Edward Kruse.....	R. B. Forman.....	Claus Spreckels.....
Trustee.....	Wm. B. Hooper.....	Wm. B. Hooper.....	Fred. L. Castle.....	Eugene DeSabra.....	Robt. Balfour.....
Trustee.....	Chas. Goodall.....	Chas. Goodall.....	Chas. Goodall.....	W. H. Dimond.....	Alfred P. Elfelt.....
Trustee.....	S. L. Jones.....	S. L. Jones.....	Jas. R. Kelly.....	Fred'k Jacobi.....	Eugene DeSabra.....
Trustee.....	W. W. Montague.....	W. W. Montague.....	Jabez Howes.....	E. L. G. Steele.....	W. W. Dodge.....
Trustee.....	Claus Spreckels.....	Claus Spreckels.....	F. W. Macondray.....	W. W. Dodge.....	W. J. Adams.....
Trustee.....	Kalman Haas.....	Kalman Haas.....	A. McKinlay.....	W. W. Montague.....	Jas. DeFremercy.....
Trustee.....	J. J. McKinnon.....	J. J. McKinnon.....	Caleb T. Fay.....	John Kentfield.....	A. Scrivener.....
Trustee.....	A. B. Forbes.....	A. B. Forbes.....	J. J. McKinnon.....	J. N. Knowles.....	Wm. B. Hooper.....
Secretary, Treasurer and Librarian.....	Henry Mel.....	Morris Marcus.....	Morris Marcus.....	Morris Marcus.....	Morris Marcus.....
Membership.....	January 1878—221.....	January 1879—214.....	January 1880—161.....	January 1881—156.....	January 1882—171.....

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1883 TO 1888.

	1883-4	1884-5	1885-6	1886-7	1887-8
President.....	Horace Davis	Horace Davis	Henry L. Dodge	Henry L. Dodge	William L. Merry
1st Vice-President	D. J. Staples	D. J. Staples	William L. Merry	William L. Merry	E. L. G. Steele
2d Vice-President	Andrew Welch	Andrew Welch	E. L. G. Steele	E. L. G. Steele	Charles Goodall
Trustee	J. J. McKinnon	J. J. McKinnon	J. N. Knowles	J. N. Knowles	C. L. Taylor
Trustee	G. W. McNear	G. W. McNear	Alfred P. Elfelt	Alfred P. Elfelt	Adam Grant
Trustee	H. Beveridge	C. L. Taylor	W. H. Dimond	W. H. Dimond	John L. Howard
Trustee	A. Chesebrough	J. N. Knowles	A. E. Hecht	A. E. Hecht	W. J. Adams
Trustee	Alfred P. Elfelt	Alfred P. Elfelt	C. L. Taylor	C. L. Taylor	Ira P. Rankin
Trustee	Eugene DeSabra	Eugene DeSabra	Albert Miller	Albert Miller	F. W. Newhall
Trustee	Andrew Crawford	Andrew Crawford	E. W. Newhall	E. W. Newhall	Fred. L. Castle
Trustee	H. L. E. Meyer	H. L. E. Meyer	Fred. L. Castle	Fred. L. Castle	W. W. Montague
Trustee	James DeFreney	William L. Merry	J. J. McKinnon	J. J. McKinnon	Chas. Kohler
Trustee	R. Hochkofler	Chas. W. Whitney	W. W. Montague	W. W. Montague	J. M. Roma
Trustee	E. L. G. Steele	E. L. G. Steele	L. L. Baker	L. L. Baker	C. B. Stone
Trustee	Jacob S. Taber	Jacob S. Taber	Hugh Craig	Hugh Craig	H. L. E. Meyer
Secretary, Treasurer and Librarian {	Morris Marcus	Morris Marcus	Morris Marcus	Morris Marcus	Thos. J. Haynes
Membership.....	January 1883—168	January 1884—156	January 1885—169	January 1886—175	January 1887—220

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1888 TO 1893.

LIST OF OFFICERS

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	1888-9	1889-90	1890-1	1891-2	1892-3
President	William L. Merry	Ira P. Rankin	Geo. C. Perkins	C. L. Taylor	E. B. Pond
1st Vice-President	E. L. G. Steele	Charles Goodall	C. L. Taylor	W. H. Dimond	W. H. Dimond
2d Vice-President	Chas. Goodall	C. L. Taylor	Geo. W. McNear	Jas. F. Chapman	Jas. F. Chapman
Trustee	C. L. Taylor	R. B. Forman	W. T. Y. Schenck	Wm. L. Merry	Wm. L. Merry
Trustee	Robt. Balfour	W. H. Talbot	Geo. H. Sanderson	W. T. Y. Schenck	W. T. Y. Schenck
Trustee	James Carolan	James Carolan	W. H. Harries	W. W. Spaulding	A. J. Ralston
Trustee	Fred L. Castle	Fred L. Castle	John D. Sprueckels	Chas. R. Allen	W. W. Montague
Trustee	Robt. Watt	Robt. Watt	A. J. Ralston	A. J. Ralston	Barry Baldwin
Trustee	Ira P. Rankin	W. T. Y. Schenck	John Rosenfeld	John Rosenfeld	C. L. Taylor
Trustee	W. W. Montague	W. W. Montague	Arthur R. Briggs	Arthur R. Briggs	Arthur R. Briggs
Trustee	G. W. McNear	G. W. McNear	James F. Chapman	J. J. McKinnon	John Rosenfeld
Trustee	James F. Chapman	James F. Chapman	Robt. Watt	Robt. Watt	M. P. Jones
Trustee	H. L. E. Meyer	C. L. Dingley	E. W. Newhall	C. B. Stone	J. J. McKinnon
Trustee	R. W. Simpson	A. R. Briggs	James Carolan	James Carolan	John F. Merrill
Trustee	E. W. Newhall	E. W. Newhall	W. E. Halloway	Louis B. Parrott	Louis B. Parrott
Secretary, Treasurer and Librarian	Thos. J. Haynes	Thos. J. Haynes	Thos. J. Haynes	Thos. J. Haynes	Thos. J. Haynes
Membership ..	January 1888-231	January 1889-247	January 1890-290	January 1891-259	January 1892-310

LIST OF OFFICERS

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1893 TO 1898.

	1893-4	1894-5	1895-6	1896-7	1897-8
President	E. B. Pond	W. H. Dimond.....	W. H. Dimond.....	Hugh Craig.....	Hugh Craig
1st Vice-President ..	W. H. Dimond.....	Jas. F. Chapman.....	Hugh Craig.....	John L. Howard.....	John L. Howard.....
2d Vice-President ..	Jas. F. Chapman.....	Hugh Craig.....	W. T. Y. Schenck.....	Louis B. Parrott.....	Louis B. Parrott.....
Trustee	Wm. L. Merry	E. B. Pond	E. B. Pond.....	W. H. Dimond.....	Louis Sloss, Jr.....
Trustee	A. J. Ralston.....	R. D. Laidlaw.....	Wm. L. Merry.....	W. L. Merry.....	Charles M. Yates.....
Trustee	W. T. Y. Schenck.....	Louis B. Parrott.....	A. J. Ralston.....	Jas. F. Chapman.....	George A. Newhall....
Trustee	Arthur R. Briggs.....	Chas. Nelson.....	Louis B. Parrott.....	Chas. Nelson.....	Charles Nelson
Trustee	C. L. Taylor.....	C. L. Taylor.....	Geo. A. Newhall.....	A. J. Ralston.....	W. E. Mighell
Trustee	Charles Nelson	William L. Merry.....	Walter M. Castle.....	Geo. A. Newhall	A. G. Towne
Trustee	J. J. McKinnon.....	J. N. Knowles.....	Jas. F. Chapman.....	Louis Sloss, Jr.....	A. Geberding.....
Trustee	Louis B. Parrott.....	W. T. Y. Schenck.....	C. L. Taylor.....	A. G. Towne	Leon Blum.....
Trustee	J. N. Knowles.....	C. Carpy.....	J. J. McKinnon.....	H. T. Scott.....	Edward Coleman.....
Trustee	John Dolbeer.....	A. J. Ralston.....	Chas. Nelson.....	A. B. Field.....	Oscar T. Sewall.....
Trustee	C. Carpy.....	J. J. McKinnon.....	Louis Sloss, Jr.....	F. W. Van Sicklen....	A. B. Field.....
Trustee	H. B. Hunt.....	Geo. A. Newhall.....	Arthur G. Towne.....	Chas. M. Yates.....	Wm. L. Merry.....
Secretary, Treasurer and Librarian }	Thos. J. Haynes.....	Thos. J. Haynes.....	L. H. Clement.....	W. L. Merry	Wm. L. Merry.....
Membership	January, 1893—310 ..	January, 1894—315 ..	January, 1895—308..	January, 1896—342..	January, 1897—406

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1898 TO 1901.

	1898-9	1899-1900	1900-01	1901-02	1902-03
President	Hugh Craig	Charles Nelson	Charles Nelson	Geo. A. Newhall	Geo. A. Newhall
1st Vice-President ..	Charles Nelson	Geo. A. Newhall	Geo. A. Newhall	Henry F. Allen	E. R. Dimond
2d Vice-President	Geo. A. Newhall	H. F. Allen	H. F. Allen	W. E. Mighell	Wm. E. Mighell
Trustee	H. F. Allen	Leon Blum	Wakefield Baker	Wakefield Baker	C. H. Bentley
Trustee	Frank L. Brown	Frank L. Brown	E. R. Dimond	E. R. Dimond	W. J. Dutton
Trustee	Leo. Blum	E. R. Dimond	A. B. Field	W. J. Dutton	A. B. Field
Trustee	Edward Coleman	A. B. Field	Henry F. Fortmann ..	A. B. Field	Wm. L. Gerstle
Trustee	E. R. Dimond	R. D. Fry	William Haas	Wm. L. Gerstle	Rufus P. Jennings ..
Trustee	A. B. Field	Geo. W. McNear, Jr. ..	H. R. Mann	William Haas	Wm. H. Marston
Trustee	H. Rosenfeld	Wm. E. Mighell	W. H. Marston	C. Osgood Hooker	G. W. McNear, Jr. ...
Trustee	Edwin Goodall	M. A. Newell	Geo. W. McNear, Jr. ..	Wm. H. Marston	James Otis
Trustee	Wm. E. Mighell	H. Rosenfeld	Wm. E. Mighell	Geo. W. McNear, Jr. ..	Henry Rosenfeld
Trustee	Fred. Tillman, Jr.	Fred. Tillmann, Jr. ...	H. Rosenfeld	H. Rosenfeld	James B. Smith
Trustee	A. G. Towne	A. G. Towne	A. G. Towne	A. G. Towne	A. G. Towne
Trustee	Charles M. Yates	Chas. M. Yates	Chas. M. Yates	Chas. M. Yates	Chas. M. Yates
Secretary, Treasurer } er and Librarian }	E. Scott	E. Scott	E. Scott	E. Scott	E. Scott
	Honorary Members.. 12 Active 396	Honorary Members.. 12 Active 412	Honorary Members.. 12 Active 432	Honorary Members.. 12 Active 443	Honorary Members.. 12 Active 616
	Total Membership.... 408	Total Membership.... 424	Total Membership.... 444	Total Membership.... 455	Total Membership.... 628

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1903 TO 1907.

	1903-04	1904-05	1905-06	1906-07	1907-08
President	Geo. A. Newhall.....	Geo. A. Newhall.....	Geo. A. Newhall.....	W. H. Marston.....	C. H. Bentley.....
1st Vice-President	E. R. Dimond	E. R. Dimond	C. H. Bentley.....	C. H. Bentley.....	George E. Butler
2d Vice-President	Wm. E. Mighell	C. H. Bentley.....	W. H. Marston	W. R. Wheeler.....	George D. Gray
Trustee	C. H. Bentley.....	Frank L. Brown.....	W. J. Dutton	Wm. L. Gerstle	Wm. H. Marston.....
Trustee	W. J. Dutton	W. J. Dutton	Wm. L. Gerstle	Wm. Matson.....	Wm. L. Gerstle
Trustee	A. B. Field.....	J. A. Folger.....	Geo. D. Gray.....	Jas. Rolph, Jr.....	Wm. Matson.....
Trustee	Wm. S. Gerstle.....	Wm. L. Gerstle	Rufus P. Jennings.....	Jas. B. Smith	Jas. Rolph, Jr.....
Trustee	Rufus P. Jennings...	Rufus P. Jennings...	C. S. Laumeister.....	Wm. Mugan.....	Wm. G. Mugan
Trustee	Wm. H. Marston.....	H. D. Loveland	William Matson.....	Jas. Tyson	Jas. Tyson
Trustee	Geo. W. McNear, Jr.	Wm. H. Marston.....	H. D. Morton.....	R. P. Jennings.....	Henry Rosenfeld
Trustee	James Otis.....	Thos. Rickard.....	Thos. Rickard.....	Geo. D. Gray.....	H. F. Prien.....
Trustee	Henry Rosenfeld	James Rolph, Jr.....	James Rolph, Jr.....	Henry Rosenfeld.....	W. F. Barnes
Trustee	James B. Smith	Henry Rosenfeld	Henry Rosenfeld.....	H. F. Prien.....	James K. Moffitt.....
Trustee	E. L. Eyre.....	Jas. B. Smith	James B. Smith	Geo. E. Butler	James McNab
Trustee	Chas. M. Yates.....	Wm. R. Wheeler.....	W. R. Wheeler.....	F. F. Connor.....	Chas. C. Moore.....
Secretary, Treasurer and Librarian }	E. Scott.....	E. Scott.....	*E. Scott.....	C. W. Burks.....	Chester W. Burks
			†B. L. Cadwalader...		
			‡C. W. Burks.....		
Honorary Members..	11	11	11	12	12
Active Members.....	592	632	622	625	598
Total Membership....	603	643	633	637	610

* Resigned February 3, 1905

* Resigned April 3, 1905

† Acting Secretary

LIST OF OFFICERS OF THE CHAMBER OF COMMERCE FROM 1908 TO 1909.

	1908-09
President	Chas. C. Moore.....
1st Vice-President	James McNab.....
2d Vice-President	Wm. L. Gerstle
Trustee	W. F. Barnes
Trustee	R. I. Bentley.....
Trustee	M. J. Brandenstein..
Trustee	Bruce Bonny
Trustee	Wm. M. Bunker
Trustee	Wm. Matson.....
Trustee	James K. Moffitt
Trustee	Henry J. Morton.....
Trustee	Wm. G. Mugan
Trustee	H. F. Prien.....
Trustee	Henry Rosenfeld
Trustee	James Tyson
Secretary, Treasurer and Librarian }	Chester W. Burks

LIST OF MEMBERS

OF

THE CHAMBER OF COMMERCE

OF SAN FRANCISCO

Corrected to April 1, 1908.

Members are requested to examine the list, with reference to their own name and address and to report to the Secretary if incorrect; also to inform him of any changes that occur in style of firm or business location.

HONORARY MEMBERS

Hugh Craig, 222 Sansome Street, San Francisco.
 George Dewey, Admiral United States Navy, Washington, D. C.
 Hon. William L. Merry, United States Minister to Costa Rica, San Jose, Costa Rica.
 Hon. Warner Miller, Ex-United States Senator, New York City.
 Hon. W. W. Morrow, United States Circuit Judge, Room 333 P. O. Building, S. F.
 Charles Nelson, 112 Market Street, San Francisco.
 George A. Newhall, 114 Battery Street, San Francisco.
 President American Chamber of Commerce, Paris, France.
 Theodore Roosevelt, President of the United States of America, Washington, D. C.
 Hon. Edward Robeson Taylor, Mayor of the City and County of San Francisco.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Adams, Edson F.,	Farmers & Merchants Savings Bank,	Oakland, Cal.
Adams, W. J.	Lumber Manufacturer	118 Battery.
Addison, Thos.,	Pacific Coast Manager General Elec. Co.	Union Trust Bldg.
Alameda Sugar Co.		Hansford Bldg.
Alaska Codfish Co.		159 Sacramento.
Alaska Commercial Co.,	Trading & Transportation	907 Kohl Bldg.
Alaska Packers Association.	Salmon Cannery	74 Folsom.
Albion Lumber Co.		818 Crocker Bldg.
Alexander & Baldwin, Ltd.	Shipping and Commission	426 California.
Allen E. T.		425 Monadnock Bldg.
Allen, H. S.	Press Clipping Bureau	Kohl Bldg.
American Beet Sugar Co.		16 California.
American Biscuit Co.		815 Battery.
American Can Co.		Mills Bldg.
American Hawaiian Engineering & Const. Co., Ltd.		332 Turk.
American Mercantile Co.	Importers	514 Battery.
American Milling Co.,	Flour & Mill Products	165 Erie.
American National Bank.		Merchants Exchange Bldg.
American Steel & Wire Co.		Folsom & 16th.
American Trading Co. (Pacific Coast),	Gen. Imp. & Ex.	Merchants, 244 California.
Ames, Harris, Neville Co.	Bags, Tents, etc.	607 Front.
Andros, Milton	Attorney at law	624 Kohl Bldg.
Anglo-American Crockery & Glassware Co.		36 Beale.
Anglo-Californian Bank, Ltd., The		Sansome & Pine.
Arnstein, Simon & Co.,	Woolens & Tailors Trimmings	3d & Mission.
Aronson Realty Co.		160 Sutter.
Associated Oil Co.		Kohl Bldg.
Atlantic, Gulf & Pacific Co.	Contractors	865 Monadnock Bldg.
Auto Livery Co.		Golden Gate & Van Ness av.
Avery, W. H.	Toy'o Kisen Kaisha	240 Flood Bldg.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Backus, Samuel W., Pres.	Western Expanded Metal Co.,	426 Crocker Bldg.
Bailey, James D.	Fire Insurance	102 Battery.
Baker, Wakefield	Hardware, Implements, etc.	3d & Berry.
Balfour, Guthrie & Co.	Shipping & Commission	340 Sansome.
Bank of British North America, The		120 Sansome.
Bank of California, The		424 California.
Barber Asphalt Paving Co., The		1091 Monadnock Bldg.
Barnes, W. F., Commercial Co.		218 Crocker Bldg.
Barnard & Bunker, Grain & Bean Dealers		204 California.
Barneson-Hibberd Co.	Shipping and Commission	149 California.
Barton, Wm. F.	Union Pacific Salt Co.	46 Sacramento.
Basilea & Calandra, Importers and Wholesale Grocers		611 Front.
Bass-Hueter Paint Co.		1532 Market.
Bates & Chesebrough, Shipping, Com. & Ins. Brokers		612 Merchants Exchange.
Bellingham Bay Lumber Co.		Sansome & Chestnut.
Bemis Bros. Bag Co.		Sansome & Vallejo.
Bennett & Goodall	Shipping and Commission	82 Market.
Bernhard Mattress Co.		791 Mission.
Best, Wm. Jr., Jones & Laughlin Steel Co.		Crocker Bldg.
Beyfuss C. & Co.	Ship and Freight Brokers	114 Battery.
Bishop, Chas. R., Bank Officer, Tel. Av. & Bancroft Way,		Berkeley, Cal.
Bissell, Wm. A.	R. R. Manager	673 Market.
Bissinger & Co.	Hides, Pelts, Tallow	Front and Jackson.
Blake, Moffitt & Towne	Paper	4th and Illinois.
Blaskower, M.	Cigars	201 Montgomery.
Bliss & Faville	Architects	15 Second.
Boesch Lamp Co.		1135 Mission.
Bogue, V. G., Vice-Pres't Western Pacific Ry.		Mills Bldg.
Boole, W. A. & Son, Inc., Shipbuilding and Drydocking		46 Steuart.
Borel, Ant. Co.	Bankers	440 Montgomery.
Bosworth, Chas. J.	Fidelity & Casualty Co.	204 Merchants Exchange.
Bovee, Toy & Co.	Real Estate	111 Montgomery.
Bowring & Co.	Export & Import Merchants	118 Battery.
Boyd, John F.	Real Estate	255 California.
Bradley, F. W.	Mining	1023 Crocker Bldg.
Brandenstein, M. J. & Co.	Teas, Coffee, Rice, etc.	Mission & Spear.
Braun & Prior	Sailmakers	114 Main.
Braun, F. W.	Assayers' Supplies	576 Mission.
Bray Brothers	Grain and Beans	220 Clay.
Briggs, Arthur R., Pres. The California State Board of Trade,		Ferry Bldg.
Briggs, Clarence F., Standard Accident Insurance Co.		Crocker Bldg.
Briggs, W. W.	Westinghouse Electric and Mfg. Co.	Second and Natoma.
Britton & Rey	Lithographers	555 Commercial.
Brooks-Follis Electric Corp.		44-46 Second.
Brown, A. A.	Rice and Sugar Broker	204 California.
Brown, Wilson & Co.	Investment Securities	Crocker Bldg.
Buck, W. E.	Pres. Western Lime and Cement Co.	Hansford Block.
Buckingham & Hecht	Boots and Shoes	593 Mission.
Bunker, C. D. & Co.	Customs Brokers	409 Washington.
Bunker, William M.		1339 Merchants Exchange.
Butler, George E.	Insurance	Ross, Cal.
Caffrey, John I.	'Pommery Champagne'	448 Battery.
Cahn, Nickelsburg & Co.	Boots and Shoes	557 Mission.
California Barrel Co.		22d and Illinois.
California Canneries Co.		600 Minnesota.
California Cotton Mills Co.		East Valdez & R. R. Ave., Oakland.
California Door Co.		20 Drumm.
California Fireworks Co.		219 Front.
California Fruit Canners Association		120 Market.
California & Hawaiian Sugar Refining Co.		204 California.
California Ink Company		33 Clementina.
California Insurance Co.		550 Sacramento.
California Saw Works		721 Brannan.
California Shipping Co.		286 Market.
California Sugar and White Pine Agency		1233 Flood Bldg.
California Transportation Co.		Jackson Street Wharf.
California Wine Association		180 Townsend.
Calkins, W. P.	Newspaper Syndicate	Battery and Commercial.
Campe, Henry & Co., Inc.	Wholesale Liquors	1611 Howard.
Canadian Bank of Commerce		California and Sansome.
Canton Bank		653 Kearney.
Capelle, Robert	North German Lloyd S. S. Co.	250 Powell.

LIST OF MEMBERS

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Name.	Firm.	Place of Business.
Carey, F. W. & Co.	Lumber	Monadnock Bldg.
Carman, A. S.	Banker	46 Market.
Castle Brothers	Wholesale Grocers	1444 O'Farrell.
Caswell, Geo. W. Company	Tea and Coffee	530-534 Folsom.
Catton, Bell & Co., Shipping & Com., Fire & M. Ins.		340 Sansome.
Central Trust Co. of California		42 Montgomery.
Cerruti Mercantile Co.	Importers and Wholesalers	435-445 Washington.
Chanslor & Lyon Motor Sup. Co., Inc., Automobile Acces.		542-546 Golden Gate Ave.
Challenge Glue Co.		244 California.
Chamberlain, W. G.		110 Sutter.
Chapman, J. F. & Co.	Shipping & Commission	707 Sansome.
Chapman, Wilfrid B.	Importer	705-707 Sansome.
Chesebrough, A.	Shipping and Commission	3d Floor Alaska Com. Bldg.
Chesebrough, H. C.	Tacoma Mill Co.	234 California.
Chevalier, F. Company, The	Wholesale Liquors	246-256 Mission.
Chrestoffersen & Tway	Shipsmiths	420 Beale.
Christensen & Goodwin	Fire Insurance	241 Sansome.
City Street Improvement Co.		Merchants Exchange Bldg.
Clark, N. & Sons	Manuf. Clay Goods	17-19 Spear.
Clark, Warren D.	Williams, Dimond & Co.	426 California.
Clark, W. F. & Co., Inc.	Shipping & Commission	26 Clay.
Clark & Montealegre	Shipping and Commission	131 Hansford Bldg.
Clinch, C. G. & Co.	Paints, Oils, etc.	156 King.
Cluett, Peabody & Co.	Wholesale Shirts & Collars	812-820 Howard.
Coffin, Redington Co.	Wholesale Druggists	23-29 Second.
Cole, Dan'l T.		721 Ashbury.
Cole, John R. Company	Manufacturers' Agents	766-770 Folsom.
Coleman, Edward		1701 Franklin.
Columbia Marble Co., The		268 Market.
Compressed Air Machinery Co.		Jesse and Ecker.
Connecticut Fire Insurance Co.		Alaska Commercial Bldg.
Connor, Fred F.	Metropolitan Laundry Co.	1148 Harrison.
Conradi & Goldberg	Leaf Tobacco	454 Battery.
Continental Bldg. and Loan Association		211 Church.
Cook, H. N. Belting Co.		317-319 Howard.
Courtright, W. L.	Real Estate and Insurance	711 Sansome.
Crane Company, Wholesale Gas, Steam & Water Goods		First and Howard.
Crocker Estate Company		525 Crocker Bldg.
Crocker, Henry J.		2301 Laguna.
Crocker, H. S. Company	Wholesale Stationers	234-240 Brannan.
Crocker National Bank		Post and Market.
Crothers, R. A.	"The Bulletin"	767 Market.
Cunningham, Curtiss & Welch, Stationery and Books		565 Market.
Curtis, A. A.	Redwood Lumber	947 Monadnock Bldg.
Cyclops Iron Works		223-225 Main.
Danforth Warehouse Co.		Battery and Broadway.
Darrow, A. S.	Agent Frank Waterhouse & Co., Inc.	255 California.
Davis, Horace	President Sperry Flour Co.	133 Spear.
Davis, J. B. F. & Son	Insurance Brokers	507 Montgomery.
Day, Thomas Co.	Gas and Electric Fixtures	725 Mission.
Dean, W. F.		510 Kohl Bldg.
Deere Implement Company		Illinois and Merrimac.
De Fremery & Co.	Importers	519 Mission.
Denniston, E. G.	S. F. Plating Works	1349-1351 Mission.
Devlin, Frank J.	Atlas Assurance Co., Ltd.	430 California.
De Young, M. H.	"The Chronicle"	Chronicle Bldg.
Dickie, John W.	Shipbuilder	112 Market.
Dickson & Thieme	Fire and Marine Insurance	150 Pine.
Dieckmann & Co.	Coffee and Hardwoods	Merchants Exchange Bldg.
Dimond, E. R.	Shipping and Commission	3d Floor Alaska Com. Bldg.
Dinkelspiel, Samuel	Wholesale Dry Goods	24-30 Battery.
Dixon, Fish & Co.	Stationers	205 California.
Dodge, E. J. Company	Lumber, Shipping & Com.	405 Merchants Exchange.
Dodge, Sweeney & Co.	Wholesale Provisions	36-48 Spear.
Dollar, Robert	Shipping and Lumber	24 Market.
Duncan & Rehfish	Insurance	233 Monadnock Bldg.
Donohoe, Jos. A.	Banker	100 Montgomery.
Dow, Geo. E.	Pumping Engines	179 First.
Drum, Frank G.	Agent Tevis Estate	704 West Coast Life Bldg.
Dunham, Carrigan & Hayden Co., Wholesale Hardware		& Metals, 140 Kansas.
Dunsmuir's, R. Sons Co.	Wholesale Coal	340 Steuart.
Dutton, Wm. J.	Underwriters	401 California.
Du Pont de Nemours Powder Co., E. I.		Berkeley, Cal.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Earl, D. W. & Co.	Forwarding Agents	Crocker Bldg.
Eberhardt, The Geo. F. Co.	Manufacturers' Agents	360-362 Fremont.
Eichbaum, W. P.	Mgr. Henry R. Worthington, Inc.	150 First.
Electric Railway & Manufacturers' Supply Co.		84-86 Second.
Emporium, The	Department Store	1201 Van Ness.
Equitable Life Assurance Society of the U. S., The		Crocker Bldg.
Eschen, J. C.	Shipping	46 Steuart.
Evans, C. H. & Co., Inc.	Machine Works	183-187 Fremont.
Everding, J. & Co.	Commission Merchants	48 Clay.
Everett Pulp and Paper Co.		313 Battery.
Fairbanks, Morse & Co.	Scales and Gasoline Engines	531 Howard.
Fairbanks, K. N. Co., The	Soap and Cottolene	132-134 Hansford Bldg.
Fargo, E. A. Co.	Wholesale Liquors	Davis and Commercial.
Farnsworth & Ruggles	Draying	109 Davis.
Ferris, John W.	Engineer and Contractor	Kohl Bldg.
Fife, George Storrs		1201 California.
Finn, John Metal Works		384 Second.
Fishbeck Soap Co.		17th and Rhode Island.
First National Bank of San Francisco, The		101 Sansome.
Fisher, L. P. Advertising Agency		723 Merchants Exchange.
Fisher & Co., Inc.	Hatters and Furnishers	726 Market.
Fleishhacker, A. & Co.	Paper and Paper Boxes	386 Grant Ave.
Flood, J. L.	Capitalist	208 Flood Bldg.
Folger, J. A. & Co.	Wholesale Coffee and Teas	Howard and Spear.
Foster, A. W.	Capitalist	1210 Flood Bldg.
Frank, S. H. & Co.	Leather, etc.	416-422 Battery.
Fredericks, Jos. & Co.	Carpets, Furniture, etc.	819-835 Ellis.
French-American Bank		108 Sutter.
Frink, George K.	Thos. Downing & Co., Inc.	1322 Merchants Exchange.
Fry, R. D.	Capitalist	628 Montgomery.
Fuller, Geo. H. Desk Co.		659-663 Mission.
Fuller, W. P. & Co.	Paints, Oils and Glass	Beale and Mission.
Gallagher, E. J.	General Contractor	5 Central Ave.
Garcia & Maggini Co.	General Commission	108-110 Washington.
Garden, Frank M.	Building Construction	825 Monadnock Bldg.
Garratt, W. T. & Co.	Brass Goods	Fremont and Natoma.
Gas Consumers Association		345 Haight.
Gerberding, A. & Co.	Grain and Hay	616 Merchants Exchange.
German Savings and Loan Society		526 California.
Getz Bros. & Co.	Wholesale Grocers	530-542 Davis.
Ghirardelli, D. Co.	Chocolate and Cocoa	940 North Point.
Giant Powder Company Con., The		202-206 Kohl Bldg.
Gilbert, Frank L.	National Surety Co. of N. Y.	Union Trust Bldg.
Girvin & Eyre	Importers and Exporters	518 Merchants Exchange.
Gladding, McBean & Co.	Pottery	Eddy and Hyde.
Globe Grain and Milling Co.		Chestnut and Montgomery.
Golcher Bros.	Guns and Sporting Goods	511 Market.
Goldberg, Bowen & Co., Inc.	Wholesale & Retail Grocers	1240 Van Ness Ave.
Golden Gate Brick Co.		418 Market.
Golden State Asparagus Co.		St. Clair Bldg.
Golden State & Miners' Iron Works		231-257 First.
Goodall, Edwin	Goodall, Perkins & Co.	24 Market.
Goodyear Rubber Co.		573-579 Market.
Grace, W. R. & Co.	Shipping and Commission	612 California.
Grant, J. D.	Murphy, Grant & Co.	Sansome and Market.
Gray, Geo. D.	Shipping and Commission	728 Merchants Exchange.
Gray, G. F.	Manufacturer	2d and Mission.
Grays Harbor Commercial Co.	Lumber	Foot of 3d.
Gray, Lendal M.	Mgr. Kosmos S. S. Line	158 California.
Great Western Power Co.		602 Crocker Bldg.
Greenebaum, M., Mfr. and Imp. Men's Fur. Goods, etc.		740 Mission.
Greenewald, O. H.		550 Sansome.
Griffith-Durney Co.	Commission Merchants	208 Battery.
Griffith & Skelley Co.	Dried and Canned Fruits	16 California.
Guggenlime Co., Inc.	Dried Fruits, etc.	126 Davis.
Gutte, I.	Commission and Insurance	110 Battery.
Haas Bros.	Wholesale Grocers	100-114 California.
Hale Bros, Inc.	Dry Goods	979-987 Market.
Halsey, N. W. & Co.	Bankers	424 California.
Hall & Son, A. I., Inc.	Wholesale Jewelers	717 Market.
Hamilton, Alexander	Baker & Hamilton, H'dware	3d and Berry.
Hammer, & Co.	Commission Merchants	230 Clay.

LIST OF MEMBERS

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Name.	Firm.	Place of Business.
Hanify, J. R. Co.	Lumber and Shipping	24 Market.
Harries, W. H.	Banker	411 Montgomery.
Harrison, M. C. & Co.	Marine Underwriter Brokers	318 Merchants Exchange.
Harron, Rickard & McCone	Machinery	Sheldon Bldg.
Hartter, L. Company	Wholesale Grocers	314-316 Davis.
Harvey, J. Downey	President Ocean Shore Ry.	52 11th.
Haslett Warehouse Co., The		NW. Cor. Battery and Cal.
Hathaway, W. L.	Mutual L. Ins. Co. of N. Y.	222 Sansome.
Haven, Charles D., Liverpool & London & Globe Ins. Co.		444 California.
Hawaiian Commercial & Sugar Co.		1222 Merchants Exchange.
Hawkins, C. A., White's Automobile and Sewing Mch.		Market and Van Ness Ave.
Healy-Tibbitts Construction Co.		268 Market.
Hechtman, A. J.	Country Lands	Kohl Bldg.
Hellman Bros. & Co.	Wholesale Liquors	118 Battery.
Hellman, I. W. Jr.	Banker	Union Trust Bldg.
Hendry, C. J. Company	Ship Chandlery	64 Clay.
Henshaw, Bulkley & Co.	Machinery	219-221 Spear.
Herold, Rudolph Jr.	Insurance and Real Estate	53 Post.
Herring-Hall-Marvin Safe Co.		40 Second.
Herrmann, Geo. Company	Shipping and Commission	310 Sacramento.
Heyneman Herman	Wholesale Tobacco	325 Davis.
Hewitt Machinery Co., The		37 Second.
Heywood Brothers & Wakefield Co., Rattan Furniture		721-723 Howard.
Hickman & Masterson Co.	Lumber	Mason and Jefferson.
Hickey, H. B.	Lumber	818 Crocker Bldg.
Hicks-Judd Company, The	Printers	270 Valencia.
Hill, Charles E.	DeLaval Dairy Supply Co.	Drumm and Sacramento.
Hills Bros.	Coffee and Tea Com. Mer.	318 Davis.
Hilmer, Fred L. Co.	Wholesale Butter and Eggs	28 Clay.
Hind, Rolph & Co.	Shipping and Commission	204-210 California.
Hirschman, A.	Jeweler	1641-1643 Van Ness Ave.
Hodsumi, Taro, Mgr. The Yokohama Specie Bank, Ltd.		515 Montgomery.
Hoffman, Rothchild & Co.	Wholesale Clothing	Golden Gate Ave. and Gough
Hohwiesner & Co.	Customs Brokers	511 Washington.
Holbrook, Merrill & Stetson, Stoves, Metals and Plumbing Sup.		6th and Townsend.
Holmes Investment Co. The		1045 Monadnock Bldg.
Holmes Lime Co., The		Mutual Savings Bank Bldg.
Holt Bros. Co.	Heavy Hardware	914-924 Folsom.
Hooper, C. A. & Co.	Lumber	32 Steuart.
Hooper, Geo. W.	Lumber	112 Market.
Hopkins, E. W.	Capitalist	354 Pine.
Hotel Jefferson		Turk and Gough.
Hotel St. Francis		Geary and Powell.
Hotel Savoy		Van Ness Ave. and Ellis.
Howard, H. Z.	Pilot Commissioner	3789 Clay.
Hulme & Hart	Wool	19th and Tennessee.
Humboldt Savings Bank		775 Market.
Hume, G. W. Co.	Lumber and Canned Goods	268 Market.
Hume, R. D.	Salmon Packer	Wedderburn, Ore.
Hunt Brothers Co.	Fruit Cannery	112 Market.
Hutton, C. A. & Co.	Flour	1018 Merchants Exchange.
Illinois-Pacific Glass Co.		15th and Folsom.
Inderrieden, J. B. Co.	Dried Fruits and Nuts	717 Monadnock Bldg.
International Banking Corporation		Bush and Montgomery.
Irvine, A. Co.	Bakers' and Confectioners' Sup.	715-721 Battery.
Italian American Bank		Montgomery & Sacramento.
Jackson Byron	Iron Works	Carlton Station, W. Berkeley.
Jacobi, J. J.	Wines	706 Sansome.
Jennings, Rufus P.		California Bldg., Union Sq.
Jensen, J.	Shipping and Commission	62 Clay.
Jesse Moore Hunt Company	Wholesale Liquor	195-199 Second.
Johnson-Locke Mercantile Co., Shipping and Com.		213 Sansome.
Jones, Paddock Co.	Coffee and Tea	228-230 Fremont.
Josselyn, G. M. & Co.	Ship Chandlery	27 Main.
Judson Manufacturing Co.	Iron and Steel	819-823 Folsom.
Keithley, E. A.	Plumbers Supplies	216 California.
Kelley-Clarke Co., Merchandise Brokers & Mfg. Agents		23 Market.
Kelly James R.	Bank President	Jones and McAllister.
Kentfield, E. E.	Lumber	318 Steuart.
Keystone Boiler Works		Main and Folsom.
Keystone Type Foundry		638-640 Mission.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Kirkpatrick, John C.	Fairmont Hotel	Fairmont Hotel.
Kohl, Frederick C.	Capitalist	Kohl Bldg.
Kohlberg & Co.	Leaf Tobacco	526 Washington.
Koshland, S. & Co.	Wool	426 California.
Kruse, Emil T.	Shipping and Commission	23 Market.
Kunz, Henry	Charles Meinecke & Co.	401 Battery.
Kutner, Goldstein & Co.	Wholesale and Retail Mer.	Merchants Exchange Bldg.
Lally Co.	Plumbers Supplies	First and Folsom.
Landers, John	Manhattan Life Ins. Co.	Russ Bldg.
Lang, Stroh Co., Inc.	Commission Merchants	429-433 Washington.
Langley & Michaels Co.	Wholesale Druggists	34-40 First.
Lastreto & Co.	Export and Import	1218 Merchants Exchange.
Leavitt, J. W. & Co.	Auto Supplies	441 Golden Gate Ave.
Leist, Chas. J. & Co.	Commission	2835 Washington.
Leitz Co., The A.	Surveying and Nautical Inst.	632 Commercial.
Levaggi Company	Wholesale Grocers, etc.	615-619 Front.
Levaggi, Granucci & Co., Inc.	Wholesale Grocers	412-420 Front.
Levison, J. B.	Insurance	401 California.
Liebes, H. & Co.	Furriers	1442-1444 Van Ness.
Lilienthal, E. R.	Wholesale Liquors	19-29 Minna.
Linen Thread Co., The		3d and Magnolia, Oakland, Cal.
Livingston & Co.	Wholesale Liquors	3443-3445 17th.
Livingston, Smith & Co.	Marine Insurance	149 California.
Loaiza, W. & Co.	Exporters and Importers	230 Halleck.
London & Lancashire Fire Insurance Co.		571 Sacramento.
London, Paris & American Bank, Ltd.		Sutter and Sansome.
Lloyd, Reuben H.	Attorney	Chronicle Bldg.
Lukens, E. G.	Judson Dynamite and Powder Works	2044 Center, Berkeley, Cal.
Lund, Henry & Co.	Shipping and Commission	California and Front.
Lyons, E. G. & Raas Co., The	Wholesale Liquors	442 Bryant.
Macondray & Co.	Importers Tea, etc.	172 East.
Mahony Brothers	Contractors	Crocker Bldg.
Magee, Thomas & Sons	Real Estate	22 Geary.
Magnesia-Asbestos Supply Co.		157 Spear.
Mailliard & Schmiedell	Commission Brokers	300 Front.
Maldonado & Co., Inc.	Importers and Exporters	268 Market.
Malm, C. A. & Co.	Trunks & Traveling Bags	1215 Sutter.
Manheim, Dibbern & Co.	Ins. and Stock Brokers	453-455 Montgomery.
Mann, Clarence M.	Real Estate and Insurance	318-324 Kearny.
Mann, Gustav, Mgr.	Hotels Mann and Majestic	1500 Sutter.
Mansfield, Lovell Co.	Commission Merchants	112 Market.
Marshall-Newell Supply Co.	Hardware Dealers	146 Steuart.
Marston, William H.		Seaboard Bank.
Martin, John	Pres. Coast Counties Light & P. Co.	925 Franklin.
Matson, William	Matson Navigation Co.	268 Market.
Mattoon & Company	Customs House Brokers	516 Battery.
Maybeck, B. R.	Architect	821 Eddy.
Mavhew, F. E. & Co.	Custom House Brokers	510 Battery.
McCreery, Andrew B.	Capitalist	934 Haight.
McLaren, Goode & Co.	Public Accountants	339 Montgomery.
McLaughlin Co., The		1700 California.
McNab & Smith	Draying	215 East.
McNear, G. W.	Exporting and Importing	210 Battery.
McNear, G. W. Jr.	Exporting and Importing	210 Battery.
Mechanics Savings Bank		143 Montgomery.
Meese & Gottfried Company	Engineers & Machinists	19th and Harrison.
Mendocino Lumber Co.	Redwood Lumber	909 Monadnock Bldg.
Merchants National Bank		Chronicle Bldg.
Mercantile Trust Co. of San Francisco		464 California.
Metcalfe, J.	Surveyor Lloyds Register	340 Sansome.
Metropolis Trust and Savings Bank		Market & New Montgomery.
Meyer, Daniel	Banker	216 Pine.
Meyer, Wilson & Co.	Shipping and Commission	602 Alaska Com. Bldg.
Mighell, Wm. E.	Pres. California Shipping Co.	268 Market.
Miller & Lux	Wholesale Butchers	1314 Merchants Exchange.
Minor, Robert	Shipping and Commission	46 Steuart.
Mitchell, Geo. M.	Home Ins. Co. of New York	38 Sutter.
Mitsui & Co.	Commission Merchants	340 Merchants Exchange.
Mobile Carriage Co., The	Automobiles	762-764 Golden Gate Ave.
Montague, W. W.	Stoves and Ranges	Cor. Polk and Turk.
Moore Chas. C. & Co.	Engineers	99 First.

LIST OF MEMBERS

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Name.	Firm.	Place of Business.
Moore, Ferguson & Co.....	Grain and Flour.....	690 Commercial.
Moore, Geo. A. & Co.....	Shipping and Commission.....	118 California.
Moore, J. J. & Co.....	Shipping and Commission.....	215-217 Pine.
Moore, R. B. Mill and Lumber Co.....		872 Folsom.
Moore & Scott Iron Works.....		Main and Howard.
Moore, Watson Dry Goods Co.		Bush and Sansome.
Morse, C. C. & Co.....	Seeds	48-56 Jackson.
Morse, I. H.	City Warehouse Co.....	1691 Bush.
Mugan, Wm. G.	Dolbeer & Carson.....	724 Merchants Exchange.
Murray Bros.....	Plumbers	619 Sacramento.
Naber, Alfs & Brune.....	Wholesale Liquors.....	825 Mission.
Nathan-Dohrmann Company.....	Wholesals Crockery, etc.....	Geary and Stockton.
Neal, George F.....	Neal Publishing Co.....	66 Fremont.
Nelson, Charles Co., The.....	Lumber and Shipping.....	112 Market.
Neustadter Bros.	Wholesale Furnishing Goods.....	115 Hayes.
Newbauer, J. H. & Co.....	Wholesale Grocers	Pacific and Davis.
Newell & Bro., Inc.....	Soap and Sal Soda Mfrs.....	2710-20 Army.
Newell, M. A.....	Insurance Broker	214 California.
Newhall, H. M. & Co.....	Shipping and Commission.....	114 Battery.
Newman Bros.	Commission	161 Sacramento.
New Zealand Ins. Co., Ltd.....		312 California.
Nichols & Fay.....	Insurance Brokers.....	620 Merchants Exchange.
Noble, Harry W.....	American Radiator Co.....	Monadnock Bldg.
Northern Commercial Co.....	Merchandise	350 Sansome.
Nunan, Matthew	Brewer	1241-1267 Howard.
Obermeyer, T. F. A.....	Country Lands	270 Van Ness Ave.
Otis Elevator Company.....		Stockton, Beach and North Point.
Otis, McAllister & Co.....	Merchants	320 California.
Overland Freight Transfer Co.		35 Second.
Pacific Coast Casualty Co.....		426 Merchants Exchange.
Pacific Coast Co., The.....	Wholesale Coal.....	631 Merchants Exchange.
Pacific Coast Glass Works.....		7th and Irwin.
Pacific Coast Rubber Co.....		416-422 Mission.
Pacific Coast Syrup Co.....		713 Sansome.
Pacific Hardware and Steel Co.		7th and Townsend.
Pacific Improvement Co.....		Crocker Bldg.
Pacific Lumber Co.....		16 California.
Pacific Mail Steamship Co.....		384 Flood Bldg.
Pacific Metal Works.....		153-159 First.
Pacific Mutual Life Insurance Co.		Shreve Bldg.
Pacific Portland Cement Co.....		Pacific Bldg.
Pacific Redwood Shingle Co.....		356 Market.
Pacific Steam Whaling Co.....		208 Battery.
Pacific Steel and Wire Co.....		410 Mission.
Pacific Surety Co.....		326 Montgomery.
Pacific Telephone and Telegraph Co., The.....		210 Post.
Pacific Tool Supply Co.....		NW. Cor. Mission and Fremont.
Page Brothers	Ship Brokers	414 Montgomery.
Paraffine Paint Co., The.....		1029-1039 Merchants Exchange.
Parker, Fred'k C.....	Pacific Coast Biscuit Co.....	Battery and Vallejo.
Parkside Realty Co.....		409 Crocker Bldg.
Parrott & Co.....	Shipping and Commission.....	308 California.
Partridge, John	Real Estate	383 Monadnock Bldg.
Pascal, Dubedat & Co.....	Wholesale Liquors and Grocers.....	117-119 Davis.
Pavson, A. H.....	Asst. to Pres. The A. T. & S. F. Ry....	Monadnock Bldg.
Perkins, Geo. C.....	Goodall, Perkins & Co.....	24 Market.
Perrin, Howard.....	Gen. Mgr. Washington Life Ins. Co....	287 Monadnock Bldg.
Peyton Chemical Co.....		Mills Bldg.
Phelan, James D.....	Banker	Mutual Savings Bank Bldg.
Phillips, M. & Co.....	Rice	62-64 Pine.
Phoenix Packing Co.....	Dried Fruits	St. Clair Bldg.
Pierson, Roeding & Co.....	Pipe and Machinery.....	Monadnock Bldg.
Pike, C. W. Company.....	Steel	9 Mission.
Pioneer Automobile Co.....		901 Golden Gate Ave.
Piper, Aden Goodall Co.....	Freighting	172 East.
Plummer, Geo. E.....	Ship Stores and Supplies.....	54-56 Steuart.
Pollard, Thomas	Pollard Steamship Co.....	244 California.
Pollitz, Edward & Co.....	Stock and Bond Brokers.....	442 California.
Pond, E. B.....	S. F. Savings Union.....	NW. Cor. California and Montgomery.
Port Costa Milling Co.....		210 Battery.
Powell, Henry Todd.....	Manufacturers' Agent.....	268 Market.
Pringle-Knight Co., The.....	Iron and Steel Brokers.....	268 Market.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Ransome Concrete Co.....		Crocker Bldg.
Raymond, Geo. A.....	Real Estate	110 Sutter.
Realty Syndicate, The.....		13th & Broadway, Oakland.
Reid Bros.	Architects	Claus Spreckels Bldg.
Reinhart Lumber and Planing Mill Company.....		17th and Kansas.
Renters Loan & Trust Co.....		131-135 Hayes.
Rhine, Henry & Co.....	Candy Manufacturers.....	19th and Bryant.
Rinaldo Bros. & Co.....	Wholesale Cigars	1641 O'Farrell.
Risdon Iron & Locomotive Works, The		Steuart and Folsom.
Roebbling's John A. & Sons Co.....	Wire Rope	202-204 Second.
Rollins, E. H. & Sons.....	Investment Securities, etc.....	210 Kohl Bldg.
Rosenberg Bros. & Co.....	Dried Fruits	269-283 Brannan.
Rosenblatt Co., The.....	Cal. Wines and Brandies.....	300-332 Second.
Rosenfeld's Sons, John.....	Shipping and Commission.....	1024 Merchants Exchange.
Rosenthal, Louis	Marine Insurance.....	302-304 California.
Rossi & Guzzi.....	Real Estate and Insurance.....	25 Montgomery Ave.
Roth & Co.....	Wholesale Liquors	115 Front.
Roth, Blum & Co.....	Provisions	50-52 California.
Russo-Chinese Bank.....		417 Montgomery.
Roussel & Davidson.....	Commission Merchants	63 Washington.
Rulofson Metal Window Works		Monadnock Bldg.
Sanborn, Vail & Co.....	Stationery and Art Goods.....	755-765 Mission.
Sanders & Kirchmann, Inc., Shipping.....		726 Merchants Exchange.
San Francisco Breweries, Ltd.		240 Second.
San Francisco Dry Dock Co.		Green St. Wharf.
San Francisco National Bank, The		Merchants Exchange.
San Francisco News Co., The		747 Howard.
San Francisco Savings Union		California and Montgomery.
San Francisco Stevedoring Co.		11 Steuart.
Sanitary Devices Manufacturing Co.		24 Montgomery.
Saurman, A. B.....	Standard Underground Cable Co....	Shreve Bldg.
Schilling, A. & Co.....	Teas, Coffee, etc.....	2d and Folsom
Schmidt Lithographing Company		2d and Bryant.
Schoenfeld, D. M.	Leaf Tobacco	516-518 Washington.
Schultz-Hansen & Co.....	Wholesale Produce	330 Drumm.
Schwabacher-Frey Stationery Co.		42-44 Sutter.
Schwartz Bros.....	Commission Merchants.....	Union Trust Bldg.
Scott & Gilbert Co.....	Manufacturing Chemists.....	First and Ecker.
Scott & Magner.....	Hay and Grain.....	453 Berry.
Scribner, H. D.....	Mgr. Allis-Chalmers.....	599 Mission.
Seaboard Bank		46 Market.
Security Savings Bank.....		316 Montgomery.
Selby Smelting & Lead Co.....		804 Merchants Exchange.
Selfridge & Sypher.....	Contractors	16 Geary.
Serwe & Prien Co.....	Drug Brokers	Mission and Fremont.
Sesnon, John J. Company.....	Shipping	418 Mutual Life Bldg, Seattle, Wash.
Sewall, Oscar T.....	Shipping and Commission.....	82 Wall St. New York City.
Seymour & Elliot	Lumber Dealers	142 Townsend.
Shainwald, Herman	Broker Real Estate.....	27 Montgomery.
Shannon-Conmy Printing Co		509 Clay.
Sheldon, William M.	Cal. Irrigated Land Co.....	Crocker Bldg.
Sherwood & Sherwood.....	Whl. Liquors and Grocers.....	54-56 Pine.
Shipowners' & Merchants Tug Boat Co.		Green St. Dock.
Shreve & Company	Gold and Silversmiths.....	Van Ness Ave. & Sacram'to.
Siebe Bros. & Plagemann.....	Wholesale Liquors	430-432 Battery.
Siegfried, J. C.	Tea Importer	268 Market.
Sierra Ry. of California.....		410 Crocker Bldg.
Simpson, A. M.	Lumber and Shipping.....	112 Market.
Slade, S. E.	Lumber	112 Market.
Sloane, W. & J.	Carpets, Furniture, etc.....	649-655 Mission.
Smith, Arthur A.....	Pres. Savings & L. Soc.....	2501 Steiner.
Smellie, William	Coal, Shipping, etc.....	Russ Bldg.
Smith, Frank E.	Electrical Instruments	418 Eugenia Ave.
Smith, F. M.	Capitalist	Albany Block, Oakland, Cal.
Smith, James B.	Merchant	430 California.
South San Francisco Packing & Provision Co.....		407-413 Front.
Southern Pacific Milling Co		930 Merchants Exchange.
Spear, E. S. & Co.....	Auctioneers	24 Fell.
Sperry, George B.		2555 Larkin.
Spreckels, Claus		123 Sansome.
Spreckels, John D.	Shipping and Commission.....	90 Clay.
Spreckels, Rudolph	Banker	Sansome near Bush.
Sroufe, John & Co.....	Wholesale Liquors	659-661 Devisadero.

LIST OF MEMBERS

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Name.	Firm.	Place of Business.
Stafford, W. G.	Coal	214 East.
Standard Biscuit Co.		Pacific and Sansome.
Standard Electrical Construction Co.		117 Montgomery.
Standard Oil Co.		421 Market.
Steinberg, A.	Mgr. Hotel Baltimore	1015 Van Ness Ave.
Stevens, John H.	Aetna Life Insurance Co.	898 Monadnock Bldg.
Stockton Milling Co.		112 California.
Storrer, L. W.	Postal Telegraph-Cable Co.	241 Montgomery.
Strauss, Levi & Co.	Furnishing Goods	6th and South.
Stubbs, D. D.	O. & O. Steamship Co.	388 Flood Bldg.
Studebaker Brothers Company	Carriages, Automobiles, etc.	Mission and Fremont.
Sumner, Frank W.	Hides and Leather	220 Townsend.
Sultana Gold Mining Co.		409 Crocker Bldg.
Sussman, Wormser & Co.	Wholesale Grocers	140 Spear.
Suydam Bros. & Rogers	Wholesale Grocers	30 Steuart.
Swayne & Hoyt	Ship & Steamship Agents	412-414 Battery.
Swift & Company	Provisions, etc.	688-650 Fifth.
Talbot, W. H.	Lumber	Foot of Third.
Taussig, Louis & Co.	Wholesale Liquors	3134-3156 16th.
Tay, George H. Co.	Plumbing Supplies	19th and Minnesota.
Tetzen, Ch. & Co., Inc.	Importers and Exporters	818 Battery.
Thayer, I. E.	Shipping	112 Market.
Thompson Beach	Stanislaus Elec. Power Co.	909 Kohl Bldg.
Thompson, R. R.	Capitalist	417 Montgomery.
Thomson Bridge Co.	General Contractors	103 Main.
Thornley, Wm. H.	Customs House Broker	520 Battery.
Tillman, Frederick, Jr.	Merchant	605 Merchants Exchange.
Triest & Co.	Hat Manufacturers	734-738 Mission.
Trower Bros.	Lumber	738-740 Merchants Exc.
Troy Laundry Machinery Co., Ltd.		581-583 Mission.
Tubbs Cordage Co.		Kohl Bldg.
Turner, Matthew & Co.	Shipping	209 Steuart.
Tyler, S. H. & Son	Coffee, Spices, etc.	709-715 Harrison.
Tyson, Geo. H.	Insurance	542-548 Sacramento.
Tyson, R. J.	Banker	46 Market.
Torrey, L. L.	Pres. Pennsylvania Rubber Co.	512 Mission.
Torrey, L. D.	Secy. Pennsylvania Rubber Co.	512 Mission.
Trusty, William R.	Publishers' Agent	929 Monadnock Bldg.
Umbesen, G. H. & Co.	Real Estate	20 Montgomery.
Union Fish Co.		Foot of Spear.
Union Gas Engine Co.		503-05 Mission.
Union Iron Works Co.		Potrero.
Union Lumber Co.		Monadnock Bldg.
Union Oil Co. of California		16th and Illinois.
United Carriage Co.		1136 O'Farrell.
United Engineering Works		254 Spear.
United States National Bank		1898 Fillmore.
Van Schaick, F. C.	Mergenthaler Linotype Co.	638 Sacramento.
Vignier Ami., Inc.	Wines	605 Battery.
Von Rhein Real Estate Co.		53 Geary.
Vulcan Iron Works		604 Mission.
Walter, Isaac N.	D. N. & E. Walter Co.	1700 Van Ness Ave.
Warren Improvement Co.	Contractors	109 Montgomery.
Watt, Rolla V.	Royal and Queen Ins. Co.	122 Sansome.
Weil, Wm. M.	Circular Distributor	27 Stevenson.
Weill, Raphael & Co.	Dry Goods, etc.	Pine & Van Ness Ave.
Welch, A. P.	Shipping and Commission	244 California.
Welch & Company	Commission Merchants	244 California.
Wellman, Peck & Co.	Wholesale Grocers	311 East.
Wells Fargo & Co's Express		85 Second.
Wells Fargo-Nevada National Bank		Market and Montgomery.
Wendling, G. X.	Lumber	1238 Flood Bldg.
West Coast Life Insurance Co.		Pine and Leidersdorff.
West Side Lumber Co.		Tuolumne, Cal.
Western Engineering and Construction Co.		741 Monadnock Bldg.
Western Fuel Co.		430 California.
Western Meat Co.		6th and Townsend.
Western National Bank of San Francisco		Powell and Market.
Western Union Telegraph Co.		Pine and Montgomery.

LIST OF MEMBERS

Name.	Firm.	Place of Business.
Weston Basket and Barrel Co.		3d and Berry.
White Bros., Inc.	Hardwood Lumber	Spear and Howard.
White, L. E. Lumber Co.....		36 Steuart.
Whitney Engineering Co.....		268 Market.
Whittell, George	Capitalist	104 Geary.
Whittier, W. F.	Capitalist	2090 Jackson.
Williams, A. P.....		Fairmont Hotel.
Williams, I. B.....	American Tin Plate Co.....	918 Crocker Bldg.
Willner, Charles	Bottlers' Supplies	536 Sansome.
Wilmerding-Loewe Co.....	Wholesale Liquors.....	354-364 Hayes.
Wilson, Frederick G.....	Master Stevedore	30 Steuart.
Wilson, J. C.	Stocks and Bonds.....	482 California.
Wilson, Thos. D. E.....	Pacific Mail & Occidental & Oriental SS. Co.....	2226 Grove.
Woodin & Little.....	Pumps, Machinery, etc.....	72 Fremont.
Woodruff Co.	Contractors	West Coast Life Bldg.
Worden, Clinton E.....	Capitalist	1338 Merchants Exchange.
Yawman & Erbe Mfg. Co.....	Filing Devices	712 Mission.
Young, Harry R.	Stevedore	204 California.
Zellerbach Paper Company.....		Battery and Jackson.

LIST OF MEMBERS

ACCOUNTANTS, CERTIFIED PUBLIC

McLaren, Goode & Co.339 Montgomery.

ADVERTISING AGENTS

Fisher L. P. Advertising Agency.....733 Merchants Exchange.

ARCHITECTS

Bliss & Faville.....15 Second.
 Maybeck, B. R.....821 Eddy.
 Reid Bros.....Claus Spreckels Bldg.

ASBESTOS

Magnesia-Asbestos Supply Co.....157 Spear.

ASSAYERS' MATERIALS

Braun, F. W.....576 Mission.

ATTORNEYS-AT-LAW

Lloyd, Reuben H.....Chronicle Bldg.

AUCTIONEERS

Spear, E. S. & Co.24 Fell.

AUTOMOBILES AND AUTO SUPPLIES

Auto Livery Company.....Golden Gate and Van Ness.
 Chanslor & Lyon Motor Supply Company, Inc.....542-44-46 Golden Gate.
 Hawkins, C. A. (agent White's).....Market at Van Ness.
 Leavitt, J. W. & Co.....441 Golden Gate.
 Mobile Carriage Company, The (agents Pierce Great
 Arrow)762-64 Golden Gate.
 Pioneer Automobile Company.....901 Golden Gate.

BABBITT METALS AND GALVANIZING

Finn, John Metal Works.....384 Second.

BAGS

Bemis Brothers Bag Company.....Sansome and Vallejo.

BAKERS' AND CONFECTIONERS' SUPPLIES

A. Irvine Co.....715-21 Battery.

BANKS AND BANKERS

Adams, Edson F. (Farmers and Merchants' Savings
 BankOakland, Cal.
 American-National BankMerchants Exchange Bldg.
 Anglo-Californian (Ltd.), The.....Sansome and Pine.
 Bank of British North America, The.....120 Sansome.
 Bank of California, The.....424 California.
 Bishop, Charles R.....Telegraph Ave. and Bancroft Way, Berkeley, Cal.
 Canadian Bank of Commerce.....California and Sansome.
 Canton Bank653 Kearny.
 Carman, A. S.....46 Market.
 Central Trust Company of California.....42 Montgomery.
 Crocker National Bank.....Post and Market.
 Donohoe, Joseph A.....100 Montgomery.
 First National Bank of San Francisco.....101 Sansome.
 French-American Bank108 Sutter.
 German Savings and Loan Society, The.....526 California.
 Halsey, N. W. & Co.....424 California.
 Harries, W. H.....411 Montgomery.
 Hellman, I. W., Jr.....2 Montgomery.
 Hodsumi, Taro515 Montgomery.
 Humboldt Savings Bank775 Market.
 International Banking Corporation.....NE. cor. Bush and Montgomery.
 Italian-American BankSE. cor. Sacramento and Montgomery.

LIST OF MEMBERS

Kelly, James R.....	Hibernia Savings & L. Soc.
London, Paris and American Bank (Ltd.).....	Sutter and Sansome.
Marston, W. H.....	Seaboard Bank.
Mechanics' Savings Bank	143 Montgomery.
Mercantile Trust Company of San Francisco.....	464 California.
Merchants' National Bank	Chronicle Bldg.
Metropolis Trust and Savings Bank.....	Market & N. Montgomery.
Meyer, Daniel	216 Pine.
Phelan, James D.....	Mutual Savings Bank Bldg.
Pond, E. B.....	NW c. Cal. & Montgomery.
Renters' Loan and Trust Company.....	131-35 Hayes.
Russo-Chinese Bank	417 Montgomery.
San Francisco (The) National Bank.....	Merchants Exchange Bldg.
San Francisco Savings Union.....	California and Montgomery.
Seaboard Bank	46 Market.
Security Savings Bank	316 Montgomery.
Smith, Arthur A.....	2501 Steiner.
Spreckels, Rudolph	Sansome near Bush.
Tyson, R. J.....	46 Market.
United States National Bank	1898 Fillmore.
Wells-Fargo Nevada National Bank	NE c. Post and Market.
Western National Bank of San Francisco.....	Powell and Market.

BASKETS

Weston Basket and Barrel Company.....	3d and Berry.
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BEANS (See Grain and Beans)**BELTING**

Cook, H. N. Belting Company.....	317-19 Howard.
Pacific Coast Rubber Company.....	416-22 Mission.

BOILER WORKS

Keystone Boiler Works.....	Main and Folsom.
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BOTTLERS' SUPPLIES

Willner, Charles	536 Sansome.
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BOOTS AND SHOES

Cahn, Nickelsburg & Co.....	557-59 Mission.
Buckingham & Hecht	593 Mission.

BRASS GOODS

Garratt, W. T. & Co.....	Fremont and Natoma.
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BREWERIES

Nunan, Matth�w	1241-67 Howard.
San Francisco Breweries (Ltd.).....	240 Second.

BRICK AND TERRA COTTA

Barnes, W. F. Commercial Company.....	218 Crocker Bldg.
Clark, N. & Sons.....	17-19 Spear.
Gladding, McBean & Co.....	SW c. Eddy and Hyde.
Golden Gate Brick Company.....	418 Market.

BROKERS, CUSTOMS HOUSE

Bunker, C. D. & Co.....	409 Washington.
Earl, D. W. & Co.....	Crocker Bldg.
Hohwiesner & Co.....	511 Washington.
Mattoon & Co.....	516 Battery.
Mayhew, F. E. & Co.....	510 Battery.
Swayne & Hoyt.....	412-14 Battery.
Thornley, William H.....	520 Battery.

BROKERS, STOCK AND BOND

Brown, Wilson & Co.....	Crocker Bldg.
Pollitz, Edward & Co.....	442 California.
Rollins, E. H. & Sons.....	210 Kohl Bldg.
Shainwald, Herman	27 Montgomery.
Wilson, J. C.....	482 California.

BUILDING AND LOAN ASSOCIATION

Continental Building and Loan Association.....	211 Church.
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BUTTER AND EGGS (See Provisions)

LIST OF MEMBERS

251

CABLE, UNDERGROUND

Saurman, A. B., Standard Underground Cable Co.....Shreve Bldg.

CAN MANUFACTURERS

American Can Company.....Mills Bldg.

CANDY MANUFACTURERS

Rhine, Henry & Co.....19th and Bryant.

CANNED GOODS

California Canneries Company.....600 Minnesota.
California Fruit Cannery Association.....120 Market.
Golden State Asparagus Company.....St. Clair Bldg.
Hunt Brothers Company.....112 Market.

CAPITALISTS

Borel, Ant. & Co.....440 Montgomery.
Coleman, Edward.....1701 Franklin.
Flood, J. L.....208 Flood Bldg.
Foster, A. W.....1210 Flood Bldg.
Fry, R. D.....628 Montgomery.
Kohl, Frederick C.....Kohl Bldg.
McCreery, Andrew B.....934 Haight.
Pacific Improvement Company.....Crocker Bldg.
Smith, F. M.....Albany Block, Oakland, Cal.
Thompson, R. R.....417 Montgomery.
Whittell, George.....104 Geary.
Worden, Clinton E.....1338 Merchants Exchange.

CARPETS (See Furniture)

CIGARS (Wholesale)

Blaskower, M.....201 Montgomery.

CIRCULAR DISTRIBUTOR

Weil, William M.....27 Stevenson.

CHOCOLATE AND COCOA

Ghirardelli, D. Co.....940 North Point.

COAL (Wholesale)

Dunsmuir's Sons Co.....340 Steuart.
Pacific (The) Coast Company.....631 Merchants Exchange.
Smellie, William.....Russ Bldg.
Stafford, W. G.....214 East.
Western Fuel Company.....430 California.

COFFEE, TEAS AND SPICES

Brandenstein, M. J. & Co.....Spear and Mission.
Castle Brothers.....1444 O'Farrell.
Caswell, George W. Co.....530-32-34 Folsom.
Folger, J. A. & Co.....Howard and Spear.
Hills Brothers.....318 Davis.
Jones, Paddock Co.....228-30 Fremont.
Schilling, A. & Co.....Second and Folsom.
Siegfried, J. C.....268 Market.
Tyler, S. H. & Son.....709 15 Harrison.

COMMISSION (See Shipping)

CONCRETE

Ransome Concrete Company.....Crocker Bldg.

CONTRACTORS

American-Hawaiian Engineering and Construction Co....332 Turk.
Atlantic, Gulf and Pacific Company.....865 Monadnock Bldg.
City Street Improvement Company.....Merchants Exchange Bldg.
Gallagher, E. J.....5 Central Ave.
Garden, Frank M.....825 Monadnock Bldg.
Healy-Tibbitts Construction Company.....268 Market.
Mahony Brothers.....Crocker Bldg.
Selfridge & Sypher.....16 Geary.
Thomson Bridge Company.....103 Main.
Warren Improvement Company.....109 Montgomery.
Woodruff Company.....West Coast Life Ins. Bldg.

LIST OF MEMBERS

COOPERAGE

California Barrel Company.....22d and Illinois.
 Weston Basket and Barrel Company.....3d and Beerry.

CORDAGE

Tubbs Cordage Company.....Kohl Bldg.

COTTON MILLS

California Cotton Mills Company..... East Valdez and R. R. Ave., Oakland, Cal.

CRACKERS

American Biscuit Company.....815 Battery.
 Parker, Frederick C. (Pacific Coast Biscuit Company)....Battery and Vallejo.
 Standard Biscuit Company.....Pacific and Sansome.

CROCKERY AND GLASSWARE

Anglo-American Crockery and Glassware Company.....36-50 Beale.
 Nathan-Dohrmann Company.....SW. cor. Geary and Stockton.

DAIRY SUPPLIES

Hill, Charles E. (De Laval Dairy Supply Company).....Drumm and Sacramento.

DESKS (See Furniture)**DOORS**

California Door Company.....20-22 Drumm.

DRAYING

Farnsworth & Ruggles.....109 Davis.
 McNab & Smith.....215 East.
 Overland Freight Transfer Company.....35 Second.

DRIED FRUITS

Griffin & Skelley Co.....16 California.
 Guggenlime Co. (Inc.).....126 Davis.
 Inderrieden, J. B. Co.....717 Monadnock Bldg.
 Phoenix Packing Company.....St. Clair Bldg.
 Rosenberg Brothers & Co.....269-83 Brannan.

DRUGS AND CHEMICALS

Braun, F. W.....576 Mission.
 Coffin-Redington Company.....23-29 Second.
 Langley & Michaels Co.....34-40 First.
 Peyton Chemical Company.....Mills Bldg.
 Scott & Gilbert Co.....First and Ecker.
 Serwe & Prien Co.....NW. cor. Mission and Fremont.

DRY GOODS AND DEPARTMENT STORES

The Emporium1201 Van Ness.
 Hale Brothers (Inc.).....979-87 Market.
 Raphael Weill & Co.....NW c. Pine and Van Ness.

DRY GOODS (Wholesale)

Dinkelspiel, Samuel14 Battery.
 Grant, J. D. (Murphy, Grant & Co).....Sansome and Market.
 Moore, Watson Dry Goods Company.....SW. cor. Bush and Sansome.

ELECTRICAL SUPPLIES

Addison, Thomas (General Electric Company).....Union Trust Bldg.
 Briggs, W. W. (Westinghouse Electric and Mfg. Co)....Second and Natoma.
 Brooks, Follis Electric Corporation.....44-46 Second.
 Electric Railway and Manufacturers' Supply Company...84-86 Second.
 Pierson, Roeding & Co.....Monadnock Bldg.
 Frank E. Smith.....418 Eugenia Ave.
 Standard Electrical Construction Company.....117 Montgomery.
 Thompson, Beach909 Kohl Bldg.

ELEVATORS

Otis Elevator Company.....Stockton, Beach and N. Pt.

ENGINEERS AND POWER PLANT BUILDERS

Meese & Gottfried Co.....	19th and Harrison.
Moore, Charles C. & Co.....	99 First.
Moore & Scott Iron Works.....	Main and Howard.
Risdon (The) Iron and Locomotive Works.....	Steuart and Folsom.
United Engineering Works.....	254 Spear.
Western Engineering and Construction Company.....	741 Monadnock Bldg.
Whitney Engineering Company.....	268 Market.

ENGINES, GAS AND GASOLINE

Fairbanks, Morse & Co.....	158 First.
Union Gas Engine Company.....	503-05 Mission.

EXPANDED METAL

Backus, Samuel W. (President Western Expanded Metal and Fireproofing Company).....	426 Crocker Bldg.
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EXPORTERS (See Importers)**EXPRESS**

Wells-Fargo & Co.'s Express	85 Second.
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FILING DEVICES (Office)

Yawman & Erbe Manufacturing Company.....	712 Mission.
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FIREWORKS

California Fireworks Company.....	219 Front.
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FISH (Wholesale)

Alaska Codfish Company.....	159 Sacramento.
Alaska Packers' Association.....	74 Folsom.
Hume, R. D.....	Wedderburn, Ore.
Union Fish Company.....	Foot of Spear.

FLOUR

American Milling Company.....	165 Erie.
Davis, Horace	133 Spear.
Globe Grain and Milling Company.....	Chestnut and Montgomery.
Hutton, C. A. & Co.....	1018 Merchants Exchange.
Port Costa Milling Company.....	210 Battery.
Southern Pacific Milling Company.....	930 Merchants Exchange.
Stockton Milling Company.....	112 California.

FURNISHING GOODS (Wholesale)

Cluett, Peabody & Co.....	812-20 Howard.
Greenebaum, M.....	740 Mission.
Hoffman, Rothchild & Co.....	Golden Gate Ave. & Gough.
Levi, Strauss & Co.....	Sixth and South.
Neustadter Brothers.....	SE. cor. Mission and First.

FURNITURE, DESKS, CARPETS

Fredericks, Joseph & Co.....	819-35 Ellis.
Fuller, George H. Desk Company.....	659-63 Mission.
Heywood Brothers & Wakefield Co.....	721-23 Howard.
Sloane, W. & J.....	649-55 Mission.
Walter, Isaac N.....	1700 Van Ness.

FURS

Liebes, H. & Co.....	1442-44 Van Ness.
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GAS REGULATORS

Gas Consumers' Association.....	345 Haight.
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GAS AND ELECTRIC FIXTURES

Day, Thomas Co.....	725 Mission.
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GLASS

Illinois-Pacific Glass Company.....	15th and Folsom.
Pacific Coast Glass Works	7th and Irwin.

GLUE

Challenge Glue Company.....	244 California.
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LIST OF MEMBERS

GRAIN AND BEANS

Barnard & Bunker	204 California.
Bray Brothers	220 Clay.

GROCERS (Wholesale)

Basilea & Calandra	611-13 Front.
Getz Brothers & Co.....	530-42 Davis.
Goldberg, Bowen & Co. (Inc.).....	1240 Van Ness.
Haas Brothers	100-14 California.
Hartter, L. Co.....	814-16 Davis.
Levaggi Co.....	615-19 Front.
Levaggi, Granucci & Co. (Inc.).....	412-420 Front.
Newbauer, J. H. & Co.....	Pacific and Davis.
Suydam Brothers & Rodgers	30 Steuart.
Sussman, Wormser & Co.....	140 Spear.
Wellman, Peck & Co.....	311 East.

HARDWARE (Wholesale)

Baker, Wakefield (President Baker & Hamilton).....	3d and Berry.
Dunham, Carrigan & Hayden Co.....	140 Kansas.
Hamilton, Alexander.....	3d and Berry.
Holt Brothers Co.....	914-24 Folsom.
Marshall-Newell Supply Co.....	146 Steuart.
Pacific Hardware and Steel Co.....	7th and Townsend.
Pacific Tool and Supply Co.....	400-02 Mission.

HAT MANUFACTURERS

Triest & Co.....	734-38 Mission.
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HATTERS

Fisher & Co. (Inc.).....	726 Market.
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HAY AND GRAIN

Gerberding, A. & Co.....	616 Merchants Exchange.
Moore, Ferguson & Co.....	690 Commercial.
Scott & Magner	453 Berry.

HOTELS

Baltimore, A. Steinberg (Manager).....	1015 Van Ness.
Fairmont Hotel (John C. Kirkpatrick).....	California and Mason.
Jefferson	Turk and Gough.
Mann and Majestic (Gustav Mann).....	Powell and O'Farrell.
Savoy	Ellis and Van Ness.
St. Francis	Powell and Geary.

IMPLEMENTS, AGRICULTURAL

Deere Implement Company.....	Illinois and Merrimac.
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IMPORTERS AND EXPORTERS

American Mercantile Company.....	514 Battery.
American Trading Company.....	244 California.
Bowring & Co.....	118 Battery.
Cerruti Mercantile Company.....	435-45 Washington.
Chapman & Wilberforce.....	705-07 Sansome.
De Fremery & Co.....	519 Mission.
Dieckmann & Co.....	Merchants Exchange Bldg.
Girvin & Eyre.....	518 Merchants Exchange.
Hammer & Co.....	230 Clay.
Kutner, Goldstein Co.....	Merchants Exchange Bldg.
Lastreto & Co.....	1218 Merchants Exchange.
Loaiza, W. & Co.....	230 Halleck.
Macondray & Co.....	149 California.
Maldonado & Co. (Inc.).....	268 Market.
McNear, G. W.....	210 Battery.
McNear, G. W., Jr.....	210 Battery.
Meinecke, Charles & Co	401 Battery.
Meyer, Wilson & Co.....	602 Alaska Com. Bldg.
Mitsui & Co.....	340 Merchants Exchange.
Otis, McAllister & Co.....	320 California.
Phillips, M. & Co.....	62-64 Pine.
Schwartz Brothers	Union Trust Bldg.
Tetzen, Ch. & Co. (Inc.).....	818 Battery.

LIST OF MEMBERS

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INK

California Ink Company.....33 Clementina.

INSURANCE

Bailey, James D.....102 Battery.
 Bosworth, Charles J.....204 Merchants Exchange.
 Briggs, Clarence F.....Crocker Bldg.
 Butler, George E.....Ross, California.
 California Insurance Company.....550 Sacramento.
 Christensen & Goodwin241 Sansome.
 Connecticut Fire Insurance Company.....Alaska Commercial Bldg.
 Devis, J. B. F. & Son.....507 Montgomery.
 Devlin, Frank J.....430 California.
 Dickson & Thieme150 Pine.
 Duncan & Rehfsch233 Monadnock Bldg.
 Dutton, William J.....401 California.
 Equitable (The) Life Insurance Society of the U. S.....Crocker Bldg.
 Gilbert Frank L.....Union Trust Bldg.
 Harrison, M. C. & Co.....318 Merchants Exchange.
 Hathaway, W. L.....222 Sansome.
 Haven, Charles D.....444 California.
 Herold, Rudolph, Jr.....53 Post.
 Landers, John2522 Octavia.
 Levison, J. B.....401 California.
 Livingston, Smith & Co.....244 California.
 London and Lancashire Fire Insurance Company.....571 Sacramento.
 Manheim, Dibbern & Co.....453-55 Montgomery.
 Mitchell, George M.....38 Sutter.
 Newell, M. A.....214 California.
 New Zealand Insurance Co. (Ltd.).....312 California.
 Nichols & Fav.....620 Merchants Exchange.
 Pacific Coast Casualty Company.....426 Merchants Exchange.
 Pacific Mutual Life Insurance Company.....Shreve Bldg.
 Pacific Surety Company.....326 Montgomery.
 Perrin, Howard.....287 Monadnock Bldg.
 Rosenthal, Louis302-04 California.
 Stevens, John H.....898 Monadnock Bldg.
 Tyson, George H.....542-48 Sacramento.
 Watt, Rolla V.....122 Sansome.
 West Coast Life Insurance Company.....Pine and Leidersdorff.

IRON AND STEEL

Best, William, Jr. (Jones & Laughlin Steel Company....Crocker Bldg. -
 Judson Manufacturing Company.....819-23 Folsom.
 Pike, C. W. Company.....9 Mission.
 Pringle-Knight (The) Company.....268 Market.

IRON WORKS

Union Iron Works Co.320 Market.
 Vulcan Iron Works.....604 Mission.

JEWELERS, GOLD AND SILVERSMITHS

Hall, A. I. & Son (Inc.).....717 Market.
 Hirschman, A.....1641-43 Van Ness.
 Shreve & Co.NW. cor. Van Ness and Sacramento.

LAMPS

Boesch Lamp Company.....1135 Mission.

LARD (See Provisions)

LAUNDRIES

Connor, Fred F. (Manager Metropolitan Laundry Co.)..1148 Harrison.

LEATHER AND HIDES

Bissinger & Co.....Front and Jackson.
 Frank, S. H. & Co.....416-22 Battery.
 Sumner, Frank W.....220 Townsend.

LIME

Buck, W. E. (Western Lime and Cement Company).....Hansford Block.
 Holmes Lime Company (The).....Mutual Savings Bank Bldg.
 Pacific Portland Cement Company.....Pacific Bldg.

LIQUORS AND WINES

Caffrey, John I.....	448 Battery.
California Wine Association.....	180 Townsend.
Campe, Henry & Co. (Inc.).....	1611 Howard.
Chevalier (The) F. Company.....	246-56 Mission.
Fargo, E. A. Company.....	Davis and Commercial.
Hellman Brothers & Co.....	118 Battery.
Jacobi, J. J.....	706 Sansome.
Jesse Moore Hunt Company.....	195-99 Second.
Lilienthal, E. R.....	19-29 Minna.
Livingston & Co.....	3443-45 Seventeenth.
Lyons, E. G. (The) and Raas Company.....	442 Bryant.
Naber, Alfs & Brune.....	825 Mission.
Pascal, Dubedat & Co.....	117-19 Davis.
Roth & Co.....	115 Front.
Rosenblatt Co. (The).....	300-32 Second.
Sherwood & Sherwood.....	54-56 Pine.
Siebe Brothers & Plagemann.....	480-32 Battery.
Sroufe, John & Co.....	659-61 Devisadero.
Taussig, Louis & Co.....	3134-56 Sixteenth.
Vignier, Ami. (Inc.).....	605 Batterv.
Wilmerding Loewe Company.....	354-64 Hayes.

LITHOGRAPHERS

Britton & Rey.....	555 Commercial.
Schmidt Lithograph Company.....	Second and Bryant.

LUMBER

Adams, W. J.....	118 Battery.
Albion Lumber Company.....	818 Crocker Bldg.
Bellingham Bay Lumber Company.....	Sansome and Chestnut.
California Sugar and White Pine Agency.....	1223 Flood Bldg.
Carey, F. W. & Co.....	Monadnock Bldg.
Chesebrough, H. C. (Tacoma Mill).....	234 California.
Curtis, A. A.....	947 Monadnock Bldg.
Dickie, John W.....	112 Market.
Dodge, E. J. Company.....	405-06 Merchants Ex.
Grays Harbor Commercial Company.....	Foot of Third.
Hanify, J. R. Company.....	24 Market.
Hickman & Masterson Company.....	Mason and Jefferson.
Hickey, H. B.....	818 Crocker Bldg.
Hooper, C. A. & Co.....	32 Steuart.
Hooper, George W.....	112 Market.
Hume, G. W. Company.....	268 Market.
Kentfield, E. E.....	318 Steuart.
Mendocino Lumber Company.....	909 Monadnock Bldg.
Moore, R. B. Mill and Lumber Company.....	872 Folsom.
Mugan, William G.....	724 Merchants Exchange
Nelson (The) Charles Company.....	112 Market.
Pacific Lumber Company.....	16 California.
Pacific Redwood Shingle Company.....	356 Market.
Reinhart Lumber and Planing Mill Company.....	Seventeenth and Kansas.
Seymour & Elliot.....	142 Townsend.
Simpson, A. M.....	112 Market.
Slade, S. E.....	112 Market.
Talbot, W. H.....	Foot of Third.
Trower Brothers.....	738-40 Merchants Ex.
Union Lumber Company.....	Monadnock Bldg.
Wendling, G. X.....	1238 Flood Bldg.
West Side Lumber Company.....	Tuolumne, California.
White Brothers (Inc.).....	Spear and Howard.
White, L. E. Lumber Company.....	36 Steuart.

MACHINERY

Compressed (The) Air Machinery Company.....	Jesse and Ecker.
Cyclops Iron Works.....	223-25 Main.
Dow, George E.....	179 First.
Eichbaum, W. P.....	150 First.
Evans, C. H. & Co. (Inc.).....	183-87 Fremont.
Golden State and Miners' Iron Works.....	231-57 First.
Harron, Rickard & McCone.....	436 Market.
Henshaw, Bulkley & Co.....	219-21 Spear.
Hewitt (The) Machinery Company.....	59 Second.
Jackson, Byron.....	Carlton Station, West Berkeley, Cal

LIST OF MEMBERS

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Scribner, H. D.....	599 Mission.
Troy Laundry Machinery Company (Ltd.).....	581-83 Mission.
Woodin & Little	72 Fremont.

MANUFACTURERS' AGENTS

Cole, John R. Company.....	766-70 Folsom.
Eberhard (The) George F. Company.....	360-62 Fremont.
Kelley-Clarke Company.....	23 Market.
Powell, Henry Todd.....	268 Market.

MARBLE

Columbia (The) Marble Company.....	268 Market.
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MATTRESSES

Bernhard Mattress Company.....	791 Mission.
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MEATS (See Provisions)

METALS

Pacific Metal Works.....	153-59 First.
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MINING

Bradley, F. W.....	1023 Crocker Bldg.
Sultana Gold Mining Company.....	409 Crocker Bldg.

NEWSPAPERS

Allen, H. S. (San Francisco News Bureau).....	Kohl Bldg.
Colkins, W. P. (The Newspaper Syndicate).....	Battery and Commercial.
Crothers, R. A. ('The Bulletin').....	767 Market.
De Young, M. H. ('The San Francisco Chronicle').....	Chronicle Bldg.

OILS

Associated Oil Company.....	Kohl Bldg.
Standard Oil Company.....	421 Market.
Union Oil Company of California.....	Sixteenth and Illinois.

PAINTS, VARNISH AND GLASS

Bass-Hueter Paint Company.....	1532 Market.
Clinch, C. G. & Co.....	156 King.
Fuller, W. P. & Co.....	Beale and Mission.
Paraffine Paint Company (The).....	1029-39 Merchants Ex.
Whittier, W. F.....	301 Howard.

PAPER

Blake, Moffitt & Towne.....	Fourth and Illinois.
Everett Pulp and Paper Company.....	313 Battery.
Fleishhacker, A. & Co.....	386 Grant Ave.
Zellerbach Paper Company.....	Battery and Jackson.

PAPER BOXES

Fleishhacker, A. & Co.....	386 Grant Ave.
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PAVING

The Barber Asphalt Paving Company.....	1091 Monadnock Bldg.
City Street Improvement Company.....	Merchants Exchange Bldg.

PILOT COMMISSIONER

Howard, H. Z.....	3739 Clay.
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PLATING WORKS

Denniston, E. G.....	1349-51 Mission.
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PLUMBING SUPPLIES

Crane Company.....	First and Howard.
Keithley, E. A.....	216 California.
Lally Company.....	First and Folsom.
Murray Brothers.....	619 Sacramento.
Tay, George H. Company.....	Nineteenth and Minnesota.

POTTERY AND TERRA COTTA

Clark, N. & Sons.....	17-19 Spear.
Gladding, McBean & Co.....	Eddy and Hyde.
Barnes, W. F. Commercial Company.....	218 Crocker Bldg.

LIST OF MEMBERS

POWDER

Du Pont de Nemours E. I. Powder Company.....	Berkeley, California.
Giant Powder Company (The) Con.....	202-06 Kohl Bldg.
Lukens, E. G.....	2044 Center, Berkeley, Cal.

POWER AND LIGHT COMPANIES

Great Western Power Company.....	602 Crocker Bldg.
Martin, John	925 Franklin.

PRINTERS AND PUBLISHERS

The Hicks-Judd Company.....	450 Montgomery.
Neal, George F.....	66 Fremont.
Shannon-Conmy Printing Company.....	509 Clay.

PROVISIONS AND MEATS

Dodge, Sweeney & Co.....	36-48 Spear.
Hilmer, Frederick L. Company.....	28 Clay.
Miller & Lux.....	1314 Merchants Exchange.
Roth, Blum & Co.....	50-52 California.
Roussel & Davidson.....	63 Washington.
Schultz-Hansen Company.....	330 Drumm.
South San Francisco Packing and Provision Company...	407-13 Front.
Swift & Co.....	638-50 Fifth.
Western Meat Company.....	Sixth and Townsend.

PUBLISHERS' AGENT

Trusty, William R.....	929 Monadnock Bldg.
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RADIATORS

Noble, Harry W. (American Radiator Company).....	Monadnock Bldg.
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REAL ESTATE DEALERS

Aronson Realty Company.....	160 Sutter.
Bovee, Toy & Co.....	111 Montgomery.
Boyd, John F.....	255 California.
Courtright, W. L.....	711 Sansome.
Crocker Estate Company.....	525 Crocker Bldg.
Drum, Frank G. (Agent Tevis Estate).....	704 West Coast L. I. Bldg.
Hechtman, A. J.....	Kohl Bldg.
Holmes Investment Company (The).....	1045 Monadnock Bldg.
Magee, Thomas & Sons.....	22 Geary.
Mann, Clarence M.....	318-24 Kearny.
Obermeyer, T. F. A.....	270 Van Ness.
Parkside Realty Company.....	409 Crocker Bldg.
Partridge, John	383 Monadnock Bldg.
Raymond, George A.....	110 Sutter.
Realty Syndicate (The).....	13th & Br'dy, Oakland, Cal.
Rossi & Guzzi.....	25 Montgomery Ave.
Shainwald, Herman	27 Montgomery.
Sheldon, William M.....	Crocker Bldg.
Umbsen, G. H. & Co.....	20 Montgomery.
Von Rhein Real Estate Company.....	53 Geary.

RICE

Brown, A. A.....	204 California.
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RUBBER GOODS

Goodyear Rubber Company.....	573-79 Market.
Pacific Coast Rubber Company.....	416-22 Mission.
Torrey, L. L. (President Pennsylvania Rubber Co.).....	512 Mission.
Torrey, L. D. (Secretary Pennsylvania Rubber Co.).....	512 Mission.

SAFES

Herring, Hall, Marvin Safe Company.....	40 Second.
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SAILMAKERS

Braun & Prior.....	114 Main.
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SALT

Barton, William F. (President Union Pac. Salt Co.)....	46 Sacramento.
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SAW WORKS

California Saw Works.....	721 Brannan.
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LIST OF MEMBERS

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SCALES

Fairbanks, Morse & Co.....158 First.

SEEDS

Morse, C. C. & Co.....48-56 Jackson.

SEWING MACHINES

Hawkins, C. A. (Agent White's).....Market at Van Ness.

SHIP BROKERS

Page Brothers414 Montgomery.

SHIPBUILDERS AND DRY DOCKING

Boole, W. A. & Son (Inc.).....46 Steuart.
San Francisco Dry Dock Company.....Green Street Wharf.
Vulcan Iron Works.....604 Mission.
Union Iron Works Company.....320 Market.

SHIP CHANDLERY

Hendry, C. J. Company.....64 Clay.
Josselyn, G. M. & Co.....27 Main.

SHIPSMITHS

Chrestoffersen & Tway.....420 Beale.

SHIP STORES AND SUPPLIES

Plummer, George E.....54-56 Steuart.

SHIPPING AND COMMISSION

Alaska Commercial Company.....Alaska Commercial Bldg.
Alexander & Baldwin (Ltd.).....426 California.
Balfour, Guthrie & Co.....340 Sansome.
Barneson-Hibberd Company.....149 California.
Bates & Chesebrough612-14 Merchants Ex.
Bennett & Goodall82 Market.
Beyfuss, C. & Co.....114 Battery.
California Shipping Company.....268 Market.
Catton, Bell & Co. (Lloyd's Agents).....340 Sansome.
Chapman, J. F. & Co.....707 Sansome.
Chesebrough, A.....3d Floor Alaska Com. Bldg.
Clark, W. F. & Co. (Inc.).....26 Clay.
Clark & Montealegre.....131 Hansford Bldg.
Darrow, A. S. (Agent Frank Waterhouse & Co., Inc.).....255 California.
Dimond, E. R.....3d Floor Alaska Com. Bldg.
Dollar, Robert158 California.
Eschen, J. C.....46 Steuart.
Everding, J. & Co.....48 Clay.
Garcia & Maggini Company.....108-10 Washington.
Goodall, Edwin24 Market.
Grace, W. R. & Co.....612 California.
Gray, George D.....728 Merchants Exchange.
Griffith-Durney Company.....208 Battery.
Gutte, I.....110 Battery.
Herrmann, George Company.....310 Sacramento.
Hind, Rolph & Co.....204-10 California.
Jensen, J.....62 Clay.
Johnson-Locke Mercantile Company.....213 Sansome.
Kruse, Emil T.....23 Market.
Lang, Stroh Company (Inc.).....429-33 Washington.
Leist, Charles J. & Co.....2835 Washington.
Lund, Henry & Co.....Marine Bldg., Cal. & Front.
Mailliard & Schmiedell.....300 Front.
Mansfield, Lovell Company.....112 Market.
Mighell, William E.....268 Market.
Minor, Robert46 Steuart.
Moore, George A. & Co.....118 California.
Moore, J. J. & Co.....215-17 Pine.
Newhall, H. M. & Co.....114 Battery.
Newman Brothers161 Sacramento.
Northern Commercial Company350 Sansome.
Parrott & Co.....308 California.
Perkins, George C.....24 Market.
Rosenfeld's John Sons.....1024 Merchants Exchange.
Sanders & Kirchmann (Inc.).....726 Merchants Exchange.

LIST OF MEMBERS

Sesnon, John J. Company.....	418-22 Mutual Life Bldg., Seattle, Wash.
Spreckels, John D.....	90 Clay.
Sewall, Oscar T.....	82 Wall St., New York City.
Thayer, I. E.....	112 Market.
Turner, Matthew Company.....	209 Steuart.
Welch, A. P.....	244 California.
Welch & Co.....	244 California.

SMELTING

Selby Smelting and Lead Company.....	804 Merchants Exchange.
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SOAP

Fairbanks, N. K. Company (The).....	132-34 Hansford Bldg.
Fishbeck Soap Company.....	17th and Rhode Island.
Newell & Brother (Inc.).....	2710-20 Army.

SPORTING GOODS

Golcher Brothers	511 Market.
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STATIONERS

Crocker, H. S. Company.....	234-40 Brannan.
Cunningham, Curtiss & Welch.....	565 Market.
Dixon, Fish & Co.....	205 California.
Sanborn, Vail & Co.....	755-65 Mission.
San Francisco News Company (The).....	747 Howard.
Schwabacher-Frey Stationery Company.....	42-44 Sutter.

STEVEDORING

San Francisco Stevedoring Company.....	11 Steuart.
Wilson, Frederick G.....	30 Steuart.
Young, Harry R.	204 California.

STOVES

Holbrook, Merrill & Stetson	Sixth and Townsend.
Montague, W. W.....	Polk and Turk.

SUGAR

Alameda Sugar Company.....	Hansford Bldg.
American Beet Sugar Company.....	16 California.
Brown, A. A.....	204 California.
California and Hawaiian Sugar Refining Company.....	204 California.
Hawaiian Commercial and Sugar Company.....	1222 Merchants Exchange.

SURVEYING AND NAUTICAL INSTRUMENTS

Leitz, A. Co. (The).....	632 Commercial.
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SWEEPING PLANTS, VACUUM

Sanitary Devices Manufacturing Company.....	24 Montgomery.
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SYRUP

Pacific Coast Syrup Company.....	713 Sansome.
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TELEPHONE AND TELEGRAPH COMPANIES.

The Pacific Telephone and Telegraph Company.....	210 Post.
Storrer, L. W. (Postal Telegraph Cable Company).....	241 Montgomery.
Western Union Telegraph Company.....	Pine and Montgomery.

TENTS AND AWNINGS

Ames, Harris Neville Company.....	607 Front.
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TIN PLATE

Williams, I. B. (Representative Amer. Tin Plate Co.)..	918 Crocker Bldg.
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THREAD

The Linen Thread Company.....	3d & Magnolia, Oakland.
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TOBACCO

Conrad & Goldberg.....	454 Battery.
Heyneman, Herman	325 Davis.
Kohlberg & Co.....	526 Washington.
Schoenfeld, D. M.....	516-18 Washington.

TRANSPORTATION AND STEAMSHIP COMPANIES

Avery, W. H. (Toyo, Kisen, Kaisha).....	240 Flood Bldg.
Bissell, William A. (Santa Fe Railroad System).....	673 Market.
Bogue, V. G. (Western Pacific).....	Mills Bldg.
California Transportation Company.....	Jackson Street Wharf.
Capelle, Robert (North German Lloyd S. S. Company).....	250 Powell.
Clark, Warren D. (American-Hawaiian S. S. Company).....	426 California.
Gray, Lendal M. (Kosmos Steamship Line).....	158 California.
Harvey J. Downey (Ocean Shore Railroad).....	52 Eleventh.
Matson, William (Matson Navigation Company).....	268 Market.
Pacific Mail Steamship Company.....	384 Flood Bldg.
Payson, A. H. (Santa Fe Railroad System).....	Monadnock Bldg.
Piper, Aden Goodall Co. (Bay and River Freighting)....	172 East.
Pollard, Thomas (Pollard Steamship Company).....	244 California.
Sierra Railway of California.....	410 Crocker Bldg.
Stubbs, D. D. (Occidental and Oriental S. S. Company).....	388 Flood Bldg.
Wilson, Thomas D. E. (Pacific Mail and O. & O. Steamship Lines).....	2226 Grove.

TRUNKS AND TRAVELING BAGS

Malm, C. A. & Co.....	1215 Sutter.
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TUG BOATS

Shipowners and Merchants' Tugboat Company.....	Green Street Dock.
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TYPE AND PRINTERS' SUPPLIES

Keystone Type Foundry.....	638-40 Mission.
Van Schaick, F. C. (Mergenthaler Linotype Company).....	638 Sacramento.

UNCLASSIFIED

Allen, E. T.....	425 Monadnock Bldg.
Briggs, Arthur R.....	Ferry Bldg.
Bunker, William M.....	1339 Merchants Exchange.
Chamberlain, W. G.....	110 Sutter.
Cole, Daniel T.....	721 Ashbury.
Crocker, Henry J.....	2301 Laguna.
Dean, W. E.....	510 Kohl Bldg.
Ferris, John W.....	New York City.
Fife, George Storrs.....	1201 California.
Frink, George K.....	1322 Merchants Exchange.
Gray, G. F.....	Second and Mission.
Greenewald, O. H.....	Alaska Commercial Bldg.
Hopkins, E. W.....	354 Pine.
Jennings, Rufus P.....	California Bldg., Union Sq.
McLaughlin Co., The.....	1700 California.
Metcalf, J.....	340 Sansome.
Smith, James B.....	430 California.
Sperry, George B.....	2555 Larkin.
Spreckels, Claus.....	123 Sansome.
Tillman, Frederick, Jr.....	605 Merchants Exchange.
Williams, A. P.....	Fairmont Hotel.

VEHICLES

Deere Implement Company.....	Illinois and Merrimac.
Studebaker Brothers Company.....	Mission and Fremont.
United Carriage Company.....	1136 O'Farrell.

WAREHOUSES

Danforth Warehouse Company.....	Battery and Broadway.
The Haslett Warehouse Company.....	Babcock Bldg., Battery and California.
Morse, I. H. (City Warehouse Company).....	1691 Bush.

WHALING

Pacific Steam Whaling Company.....	208 Battery.
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WINDOW FRAMES. METAL

Rulofson Metal Window Works.....	Monadnock Bldg.
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LIST OF MEMBERS

WINES (See Liquors)

WIRE AND WIRE ROPE

American Steel and Wire Company.....	Folsom and Sixteenth.
Pacific Steel and Wire Company.....	410 Mission.
Roebbing's John A. Sons Company.....	202-04 Second.

WOOL

Hulme & Hart.....	Nineteenth and Tennessee.
Koshland, S. & Co.....	426 California.

WOOLENS

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